			63412-1019
MSDS for #63412 - MARA	BU EASY MARB		Page
Sarety data sheet in acc	ordance with reg	ulation (EC) No 1907/2006	
rade name: Marabu eas	y marble 321, 15		Marab
		Version: 1 / GB	Date revised: 17.10.2019
Substance number: 130	59039321	Replaces Version: - / GB	Print date: 19.03.20
ECTION 1: Identi	fication of t	<u>he substance/mixture a</u>	ind of the
ompany/undertal	<u>king</u>		
1.1. Product identifie	er		
Marabu easy mai	ble 321, 15 ml Ml	NA	
1.2. Relevant identif	ied uses of the	e substance or mixture and	l uses advised against
Use of the substanc	e/preparation		
Paint			
Identified Uses	Concurrent	uses Drivete heuseholde (, gener	al public concurrence)
SU21 PC9a		uses: Private households (= generand paints, thinners, paint removers	
1.3. Details of the su	0	• • • •	
Address/Manufac			
Marabu GmbH &			
Asperger Strasse	4		
71732 Tamm Germany			
Telephone no.	+49-7141/6	91-0	
Fax no.	+49-7141/6		
Information provid by / telephone	ded Department	t product safety	
E-mail address of	PRSI@mar	abu.com	
person responsib	le		
for this SDS			
1.4. Emergency tele (+49) (0)621-60-4		r	
(+49) (0)021-00-4	60000		
SECTION 2: Hazar	ds identifica	<u>ation</u>	
2.1. Classification of	f the substand	e or mixture	
Classification (Re			
	gulation (EC) No.	-	
	Flam. Liq. 3		
	STOT SE 3	H336	
2.2. Label elements			
Labelling accore	ding to regula	tion (EC) No 1272/2008	
	IS		
Hazard pictogram			
Hazard pictogram	$\frown$		
Hazard pictogram	î v		
Hazard pictogram	!>		
	<u>}</u>		
Signal word	<b>!</b> >		
Signal word Warning	<b>!</b> >		
Signal word		liquid and vapour.	
Signal word Warning Hazard statement	Flammable	liquid and vapour. drowsiness or dizziness.	

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rade name: Marabu easy	marble 321 15 n	nI MNA				N
indiano. Maraba odby		Version:	1 / GB			Date revised: 17.10.20
Substance number: 13059	039321	Replaces		: -/GE	3	Print date: 19.03.
P101	If medical ad	vice is need	ed, have	product	container or la	abel at hand.
P102	Keep out of I	each of child	dren.			
P210	Keep away f sources. No		t surface	s, spark	s, open flames	and other ignition
P271	Use only out		well-ver	tilated a	rea.	
P405 P501.9	Store locked		toinerer	nrahlan		
	Dispose of c			•		4070/0000
Hazardous compor	• •		•	•	. ,	,
contains					anes, cyclics, < xy-2-propanol	< 2% aromatics;
2.3. Other hazards						
No special hazards	have to be ment	ioned.				
ECTION 3: Compo	sition/infor	mation o	on ing	redier	nts	
3.2. Mixtures						
Chemical character	ization					
Paint based on alky		solvents				
Hazardous ingredie		Solvento				
_						
1-Methoxy-2-propan CAS No.						
EINECS no.	107-98-2 203-539-1					
Registration no.	01-21194574	135-35				
Concentration	>=	25	<	50	%	
Classification (Regu	ulation (EC) No.	1272/2008)				
( )	STÒT SE 3	,	H336			
	Flam. Liq. 3		H226			
2-Methoxy-1-methyl	ethyl acetate					
CAS No.	108-65-6					
EINECS no.	203-603-9					
Registration no. Concentration	01-21194757	/91-29 10		20	%	
Concentration	>=	10	<	20	70	
Classification (Regu	· · ·	1272/2008)				
	Flam. Liq. 3		H226			
	STOT SE 3		H336			
Hydrocarbons, C9-C	, , ,	soalkanes, o	cyclics,	< 2% are	omatics	
CAS No. EINECS no.	64742-48-9 265-150-3					
Registration no.	01-21194632	258-33 (LIST		R 919-8	57-5)	
Concentration	>=	10	<	20	%	
Classification (Regu		1272/2008)				
	Asp. Tox. 1		H304			
	Flam. Liq. 3		H226			
	STOT SE 3		H336 EUH066	6		
	to					
2_Butovvotevi ogete						
2-Butoxyethyl aceta CAS No.	112-07-2					

Substance number:	·	ble 321, 15 m 321	Version:		n: -/GB		Marabu Date revised: 17.10.2019 Print date: 19.03.20
Registratio Concentrat		01-21194751 >=	12-47 1	<	10	%	
Classificati		on (EC) No. 1 Acute Tox. 4 Acute Tox. 4 Acute Tox. 4	272/2008)	H332 H312 H302			
<b>2-Methoxyp</b> CAS No. EINECS no Concentrat	Э.	1589-47-5 216-455-5 >=	0,1	<	0,3	%	
Classificati		on (EC) No. 1 Skin Irrit. 2 STOT SE 3 Repr. 1B Flam. Liq. 3 Eye Dam. 1	272/2008)	H315 H335 H360D H226 H318			
In all cases to an unco After inhalat	nscious pers <b>tion</b>	on. If uncons	cious place	n recove	ery positic	on and see	rer give anything by mouth k medical advice.
In all cases to an unco After inhalat Remove to artificial res After skin co Remove co	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontaminated	clothing. Was	rm and at re	in recove est. If bre	ery positic	on and see	
In all cases to an unco After inhalat Remove to artificial res After skin co Remove co cleanser. D After eye co	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontaminated oo NOT use s ontact	clothing. Was	rm and at re rm skin thoro inners.	in recove est. If bre ughly wi	ery positic eathing is th soap a	on and see irregular o nd water o	k medical ádvice. r stopped, administer r use recognised skin
In all cases to an unco After inhalat Remove to artificial res After skin co Remove co cleanser. D After eye co Remove co minutes an	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontaminated o NOT use s ontact ontact lenses of seek imme	clothing. Was	rm and at re rm skin thoro inners. ously with cl	in recove est. If bre ughly wi	ery positic eathing is th soap a	on and see irregular o nd water o	k medical ádvice.
In all cases to an unco After inhalad Remove to artificial res After skin co Remove co cleanser. D After eye co Remove co minutes an After ingesti If accidenta	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontact ontact ontact ontact lenses of seek imme ion ally swallowe	clothing. Was solvents or th s, irrigate copi	rm and at re h skin thoro inners. ously with cl l advice. outh with pla	in recove est. If bre ughly wi ean, free enty of w	ery positic eathing is th soap a sh water, vater (only	on and see irregular o nd water o holding the y if the pers	k medical ádvice. r stopped, administer r use recognised skin
In all cases to an unco After inhalad Remove to artificial res After skin co Cleanser. D After eye co Remove co minutes an After ingesti If accidenta immediate 4.2. Most impor	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontact on NOT uses ontact lenses of seek imme ion ally swallowe medical atte	con. If unconse eep patient wa clothing. Was solvents or th s, irrigate copi ediate medica ed rinse the m ention. Keep a	trm and at re th skin thoro inners. ously with cl advice. outh with plu t rest. Do No <b>effects, k</b>	in recove est. If bre ughly wi lean, free enty of w OT induc	ery positic eathing is th soap a sh water, vater (only ce vomitin	on and see irregular o nd water o holding the y if the pers	k medical advice. r stopped, administer r use recognised skin e eyelids apart for at least 10 son is conscious) and obtain
In all cases to an unco After inhalad Remove to artificial res After skin co Cleanser. D After eye co Remove co minutes an After ingesti If accidenta immediate 4.2. Most impor Until now n 4.3. Indication of Hints for the	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontact ontact lenses of seek imme ion ally swallowe medical atte rtant symp o symptoms of any imr	clothing. Was solvents or th s, irrigate copi ediate medica ed rinse the m ention. Keep a ptoms and s known so far mediate mediate me	rm and at re m and at re h skin thoro inners. ously with cl l advice. outh with pla t rest. Do No effects, k edical atte	in recover est. If bread ughly with ean, fread enty of w DT induce ooth ac	ery positic eathing is th soap a sh water, vater (only ce vomitin c <b>ute and</b>	on and see irregular o nd water o holding the y if the person g. <b>d delayed</b>	k medical advice. r stopped, administer or use recognised skin e eyelids apart for at least 10 son is conscious) and obtain <b>d</b>
In all cases to an unco After inhalad Remove to artificial res After skin co Cleanser. D After eye co Remove co minutes an After ingesti If accidenta immediate 4.2. Most impor Until now n 4.3. Indication of Hints for the	s of doubt, or nscious pers tion o fresh air, ke spiration. ontact ontact ontact on NOT use s ontact ontact lenses d seek imme ion ally swallowe medical atte rtant symp o symptoms of any imme otomatically	clothing. Was solvents or th s, irrigate copi ediate medica ed rinse the m intion. Keep a <b>ptoms and</b> s known so far <b>mediate med</b>	cious place rm and at re h skin thoro inners. ously with cl l advice. outh with pla t rest. Do No effects, k edical atte	in recover est. If bread ughly with ean, fread enty of w DT induce ooth ac	ery positic eathing is th soap a sh water, vater (only ce vomitin c <b>ute and</b>	on and see irregular o nd water o holding the y if the person g. <b>d delayed</b>	k medical advice. r stopped, administer or use recognised skin e eyelids apart for at least 10 son is conscious) and obtain <b>d</b>

#### MSDS for #63412 - MARABU EASY MARBLE -Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu easy marble 321, 15 ml MNA

Version: 1/GB

Substance number: 13059039321

Replaces Version: - / GB

Date revised: 17.10.2019 Print date: 19.03.20

# 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); dense black smoke; Nitrogen oxides (NOx)

# 5.3. Advice for firefighters

# Special protective equipment for fire-fighting

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

# SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

## Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of particulates and spray mist arising from the application of this mixture. Smoking, eating and drinking shall be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses.

### Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances) Temperature class T4

### 7.2. Conditions for safe storage, including any incompatibilities

# Requirements for storage rooms and vessels

Electrical installations/working materials must comply with the local applied technological safety standards. Storage rooms in which filling operations take place must have a conducting floor. Store in accordance with national regulation

Safety data sheet in accordance wit	h regulat	tion (EC) No 1907/	2006	
Trade name: Marabu easy marble 32	1, 15 ml N			Marab
		Version: 1 / GB		Date revised: 17.10.2019
Substance number: 13059039321		Replaces Version:	- / GB	Print date: 19.03.20
Hints on storage assembly				
Store away from oxidising age	ents, from	strongly alkaline a	nd strongly acid	materials.
Further information on stora	ige con	ditions		
Observe label precautions. St sources of heat and direct sur	ore betwe nlight. Kee rised acc	een 15 and 30 °C ir potenting to the potential of the second second second second second second second second s	closed. Keep av	
7.3. Specific end use(s) Paint				
SECTION 8: Exposure con	trols/r	versonal prot	ection	
8.1. Control parameters				
Exposure limit values				
2-Methoxy-1-methylethyl acet				
List Type	EH40 WEL			
Value	274	mg/m³	50	ppm(V)
Short term exposure limit	548	mg/m <sup>3</sup>	100	ppm(V)
Skin resorption / sensibilisatio		Status: 2011	100	pp(*)
1-Methoxy-2-propanol				
List	EH40			
Туре	WEL			
Value	375	mg/m³	100	ppm(V)
Short term exposure limit	560	mg/m³	150	ppm(V)
Skin resorption / sensibilisatio	n: Sk; 🛛 🕄	Status: 2011		
2-Butoxyethyl acetate				
List	EH40			
Туре	WEL			
Value	133		20	ppm(V)
Short term exposure limit	332		50	ppm(V)
Skin resorption / sensibilisatio		Status: 2011		
Derived No/Minimal Effect L	evels (D	NEL/DMEL)		
Hydrocarbons, C9-C11, n-alka				
Type of value		ed No Effect Level	(DNEL)	
Reference group	Worke			
Duration of exposure	Long			
Route of exposure	derma			
Mode of action	Syste	mic effects		malka
Concentration		300		mg/kg
Type of value	Derive	ed No Effect Level	(DNEL)	
Reference group	Consu		<b>,</b>	
Duration of exposure	Long	term		
Route of exposure	oral			
Mode of action	Syste	mic effects		
Concentration		300		mg/kg
Type of value	Derive	ed No Effect Level	(DNEL)	
Reference group	Consi		()	
Duration of exposure	Long			
Route of exposure	derma			
Mode of action	Syste	mic effects		
Concentration				mg/kg

MSDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	AKBLE <mark>h regulation (EC) No 1907/2006</mark>	
rade name: Marabu easy marble 32		Ň
Tade fiame. Marabu easy filable 52		Marabi
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039321	Replaces Version: - / GB	Print date: 19.03.20
T and a final set		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	900	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m³
		-
2-Methoxy-1-methylethyl acet Type of value	ate Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure Mode of action	dermal	
	Systemic effects	
Concentration	796	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	275	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	320	mg/kg/d
- / /		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure Route of exposure	Long term inhalative	
•		
Mode of action Concentration	Systemic effects 33	mg/m³
	Dorived No Effect Level (DNEL)	-
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Local effects 33	mg/m³
Type of value	Derived No Effect Level (DNEL)	
	Consumer	
Reference group		
Duration of exposure	Long term	
Route of exposure Mode of action	oral Systemic offects	
Concentration	Systemic effects 36	ma/ka/d
CONCENTRATION	50	mg/kg/d

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	ARDLE h regulation (EC) No 1907/2006	
rade name: Marabu easy marble 32 <sup>°</sup>		
rade name. Marabu easy marble 32		Marab
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039321	Replaces Version: - / GB	Print date: 19.03.20
	///	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Lifetime	
Route of exposure Mode of action	inhalative	
	Local effects	
Concentration	550	mg/m³
1-Methoxy-2-propanol		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	553,5	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	50,6	mg/person/ d
Tana (calua		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Concentration	369	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	18,1	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	43,9	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	3,3	mg/kg/d
2-Butoxyethyl acetate		
Reference substance	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	

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ISDS for #63412 - MARABU EASY M/ <del>afety data sheet in accordance wit</del>	AKBLE Tregulation (EC) No 1907/2006	Page • •
ade name: Marabu easy marble 321		
ade name. Marabu easy marble 521	Version: 1/GB	Date revised: 17.10.2019
ubstance number: 13059039321	Replaces Version: - / GB	Print date: 19.03.20
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	133	mg/m³
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	333	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	169	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	120	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	80	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	200	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL) General Population	
Reference group Duration of exposure	•	
Route of exposure	Long term dermal	
Mode of action	Systemic effects	
Concentration	102	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group Duration of exposure	General Population Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	
rade name: Marabu easy marble 32 <sup>°</sup>	1. 15 ml MNA	
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039321	Replaces Version: - / GB	Print date: 19.03.20
Concentration	72	mg/kg/d
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
		malkald
Concentration	8,6	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	36	mg/kg/d
Predicted No Effect Concent	tration (PNEC)	
2-Methoxy-1-methylethyl acet		
Reference substance	2-Methoxy-1-methylethyl acetate	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,635	mg/l
Concentration	0,000	mg/i
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	3,29	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	0,29	mg/kg
Source	Literature value	0.0
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	100	mg/l
Source	Literature value	<u> </u>
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,329	mg/kg
Source	Literature value	5. 5
Type of value	PNEC	
Type	Saltwater	
Concentration	0,0635	mg/l
1-Methoxy-2-propanol		
Type of value	PNEC	
Type	Freshwater	
Concentration	10	mg/l
Type of value	PNEC	
Type	Water	
Concentration	41,6	mg/kg
Concontration		

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Type of value	PNEC	
Туре	Sediment	
Concentration	41,6	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration		malka
Concentration	4,17	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	2,47	mg/kg
	,	
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	100	mg/l
2-Butoxyethyl acetate		
Reference substance	2-Butoxyethyl acetate	
	PNEC	
Type of value	-	
Type	Water	
Concentration	0,304	mg/l
Source	Literature value	
	2-Butoxyethyl acetate	
Type of value	PNEC	
Туре	Aquatic	
Concentration	0,0304	g/l
Source	Literature value	
	2 Putowyothyl apotato	
	2-Butoxyethyl acetate PNEC	
Type of value	-	
Type	Sediment	
Concentration	2,03	mg/kg
Source	Literature value	
	2-Butoxyethyl acetate	
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,203	mg/kg
Source	Literature value	5. 5
	2-Butoxyethyl acetate	
Type of value		
Type of value	PNEC	
Type	Soil	
Concentration	0,68	mg/kg
Source	Literature value	

#### . Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

# **Respiratory protection**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Full mask, filter A

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-	Version: 1/GB	Date revised: 17.10.201
bstance number: 13059039321	Replaces Version: - / GB	Print date: 19.03.2
individual or combination of o For prolonged or repeated ha Material thickness Breakthrough time	andling nitrile rubber gloves with textile > 0,5 mm < 30 min	undergloves are required.
The instructions and informa replacement must be followe Gloves should be replaced re Always ensure that gloves an The performance or effective maintenance.	egularly and if there is any sign of dama re free from defects and that they are sto eness of the glove may be reduced by pl protect the exposed areas of the skin, th	r on use, storage, maintenance and uge to the glove material. ored and used correctly. hysical/ chemical damage and poor
Eye protection		
Use safety eyewear designe	d to protect against splash of liquids.	
Body protection		
Cotton or cotton/synthetic ov	reralls or coveralls are normally suitable	
CTION 9: Physical and		
1. Information on basic phy Form Colour	<b>/sical and chemical properties</b> Liquid coloured	
1. Information on basic phy Form Colour Odour	<b>/sical and chemical properties</b>	
1. Information on basic phy Form Colour Odour Odour threshold	<b>/sical and chemical properties</b> Liquid coloured solvent-like	
1. Information on basic phy Form Colour Odour Odour threshold Remarks	<b>/sical and chemical properties</b> Liquid coloured	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value	<b>/sical and chemical properties</b> Liquid coloured solvent-like No data available	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks	<b>/sical and chemical properties</b> Liquid coloured solvent-like	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value	<b>/sical and chemical properties</b> Liquid coloured solvent-like No data available	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks	<b>/sical and chemical properties</b> Liquid coloured solvent-like No data available Not applicable	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point	<b>/sical and chemical properties</b> Liquid coloured solvent-like No data available Not applicable	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks	<pre>/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined not determined</pre>	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point	<pre>/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined not determined</pre>	°C
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source	/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120 1.013 hPa	°C
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure	<pre>/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120</pre>	°C
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value Method	/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value	/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value Method Evaporation rate (ether = 1) Remarks	/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value Method Evaporation rate (ether = 1) Remarks Flammability (solid, gas)	/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ) :	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value Method Evaporation rate (ether = 1) Remarks Flammability (solid, gas) Not applicable	<pre>/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120</pre>	
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value Method Evaporation rate (ether = 1) Remarks Flammability (solid, gas) Not applicable	<pre>/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined</pre>	°C
1. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and boi Value Pressure Source Flash point Value Method Evaporation rate (ether = 1) Remarks Flammability (solid, gas) Not applicable	<pre>/sical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined ing range appr. 120</pre>	

ade name: Marabu easy marble		Version:			Da	te revised: 17.10.2019
ubstance number: 13059039321		Replaces \	Version:	- / GB		Print date: 19.03.20
Value		8			hPa	
Temperature Method	calcula	20	°C			
Vapour density	Calcula	lieu				
Remarks	not det	ermined				
Density	not det	emmed				
Value		1,08			g/cm <sup>3</sup>	
Temperature		20	°C		9,011	
Method	DIN EN	N ISO 2811	1			
Solubility in water						
Remarks	partiall	y miscible				
Partition coefficient: n-oc	tanol/water					
Remarks	Not ap	plicable				
Ignition temperature						
Value	appr.	200			°C	
Source	Literatu	ure value				
Viscosity						
dynamic						
Value		30	to	50	mPa.s	
		40	°C			
Efflux time		05		70		
Value Temperature		25 20	to °C	70	S	
Method	DIN 53	20 211 4 mm	C			
Explosive properties						
evaluation	no					
Oxidising properties						
evaluation	None k	nown				
.2. Other information						
Other information						
The physical specifications	are approxin	nate values	s and ref	er to the	used safety rele	vant component(s).
ECTION 10. Stability or	d roactiv	/i4\/				
ECTION 10: Stability ar	iu reactiv	<u>/ity</u>				
0.1. Reactivity						
No hazardous reactions whether the second se	nen stored an	d handled	accordir	ng to pre	scribed instructio	ns.
0.2. Chemical stability						
Stable under recommende	d storage and	d handling	conditio	ns (see s	ection 7).	
0.3. Possibility of hazardo	us reactio	าร				
Keep away from oxidising a exothermic reactions.			e and stro	ongly aci	d materials in or	der to avoid
0.4. Conditions to avoid When exposed to high tem	peratures ma	y produce	hazardo	ous deco	mposition produc	cts.
0.5. Incompatible materials						

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	004 45			
rade name: Marabu easy marble	321, 15 m			Marabu
		Version: 1/GB		Date revised: 17.10.2019
Substance number: 13059039321		Replaces Version:	- / GB	Print date: 19.03.20
ECTION 11: Toxicologi	cal info	ormation		
1.1. Information on toxico	ogical e	effects		
Acute oral toxicity (Comp	-			
1-Methoxy-2-propanol				
Species	rat			
LD50		5200	mg/kg	
Acute dermal toxicity (Co	mponen	ts)		
1-Methoxy-2-propanol				
Species	rabbit			
LD50		14000	mg/kg	
Acute inhalational toxicit	/			
Remarks	Based	on available data, the	classification crit	teria are not met.
Skin corrosion/irritation				
Remarks	Based	on available data, the	classification crit	teria are not met.
Serious eye damage/irrita	tion			
Remarks	Based	on available data, the	classification crit	teria are not met.
Sensitization				
Remarks	Based	on available data, the	classification crit	teria are not met.
Mutagenicity				
Remarks	Based	on available data, the	classification crit	teria are not met.
Reproductive toxicity				
Remarks	Based	on available data, the	classification crit	teria are not met.
Carcinogenicity				
Remarks	Based	on available data, the	classification crit	teria are not met.
Specific Target Organ To	kicity (S	ГОТ)		
Single exposure				
Remarks	The cla	assification criteria are	met.	
evaluation	May ca	ause drowsiness or dizz	ziness.	
Repeated exposure				
Remarks	Based	on available data, the	classification crit	teria are not met.
Aspiration hazard				
Based on available data, th	ne classific	cation criteria are not m	et.	
Experience in practice				
limit may result in adverse and adverse effects on kid dizziness, fatigue, muscula Solvents may cause some contact with the mixture may dermatitis and absorption to reversible damage. Ingestik known, delayed and immed long-term exposure by ora	health effe ney, liver a of the abo ay cause r hrough the on may ca diate effec	ects such as mucous m and central nervous sys as, drowsiness and in e ove effects by absorptic removal of natural fat fr e skin. The liquid splas use nausea, diarrhoea ts and also chronic effe	embrane and restern. Symptoms extreme cases, loon through the sloom the skin resu hed in the eyes and vomiting. T ects of compone	s and signs include headache, oss of consciousness. kin. Repeated or prolonged ulting in non-allergic contact may cause irritation and This takes into account, where onts from short-term and
Other information				
There are no data available				
The mixture has been asse	seed follo	wing the additivity mot	had of the CLP I	Regulation (EC) No

Trade name: Marabu easy marble	321, 15 n	nl MNA				$\mathbf{N}$
		Version	: 1/GB			Date revised: 17.10.2019
Substance number: 13059039321		Replace	es Version:	- / GB		Print date: 19.03.20
SECTION 12: Ecological 12.1. Toxicity General information There are no data available mixture has been assesse and is not classified as dar Fish toxicity (Component 1-Methoxy-2-propanol Species LC0 Duration of exposure Daphnia toxicity (Component	e on the n d following ngerous fo s <b>s)</b> golder >	nixture itsel	ation metho onment.			
<b>1-Methoxy-2-propanol</b> Species EC50 Duration of exposure		nia magna 23300 48	h		mg/l	
Algae toxicity (Component 1-Methoxy-2-propanol Species EC50 Duration of exposure	-	odesmus 1000 168	h		mg/l	
Bacteria toxicity (Compo 1-Methoxy-2-propanol Species EC50	-	ted sludge 1000			mg/l	
12.2. Persistence and degra General information No data available Biodegradability (Compo	-	/				
<b>1-Methoxy-2-propanol</b> Value Duration of test evaluation Method		90 28 ly biodegrad 301 F	d dable (acco	ding to C	% DECD criteri	a)
12.3. Bioaccumulative pote General information There are no data availabl Partition coefficient: n-oc Remarks	e on the n : <b>tanol/wa</b>					
12.4. Mobility in soil General information There are no data availabl						
12.5. Results of PBT and vertice						

#### MSDS for #63412 - MARABU EASY MARBLE -Safety data sheet in accordance with regulation (EC) No 1907/2006

- ourcey data sheet in accordance with regulation (EO) No 1507

Trade name: Marabu easy marble 321, 15 ml MNA

Version: 1/GB

Substance number: 13059039321

Replaces Version: - / GB

Date revised: 17.10.2019 Print date: 19.03.20

### 12.6. Other adverse effects

# **General information**

There are no data available on the mixture itself.

# SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

Do not allow to enter drains or water courses.

Wastes and emptied containers should be classified in accordance with relevant national regulation. The European Waste Catalogue classification of this product, when disposed of as waste is

EWC waste code08 01 11\*waste paint and varnish containing organic solvents or other<br/>dangerous substances

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

#### Disposal recommendations for packaging

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Not emptied containers are hazardous waste (waste code number 150110).

# SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1263	1263	1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	3	3	3
Label			3
14.4. Packing group	ш	Ш	ш
Special provision	640E		
Limited Quantity	5		
Transport category	3		
14.5. Environmental hazards		no	
	-		-

# Information for all modes of transport

Item Numbers: 63412-1019

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Page 1

Safety data sheet in accordance v	with regulation (E	<del>C) No 1907/2</del>	2006			
Trade name: Marabu easy marble 3						Marab
	Versio	on: 1/GB		Ľ	Date revised: 1	7.10.2019
Substance number: 13059039321	Repla	ces Version:	- / GB		Print date	e: 19.03.20
<b>14.6. Special precautions for</b> Transport within the user's Always transport in closed o Ensure that persons transport	premises: containers that are	upright and sknow what to	secure. do in the event	t of an a	ccident or spilla	ge.
Other information 14.7. Transport in bulk accor no	rding to Annex II	of Marpol an	d the IBC Cod	e		
SECTION 15: Regulatory	information					
15.1. Safety, health and envi	ironmental reg	ulations/le	egislation sp	pecific	for the subs	stance
or mixture Major-accident categories						
			E 000 000	ka	50,000,000	ka
Category 6	Flammable		5.000.000	kg	50.000.000	kg
VOC						
VOC (EU) VOC (EU)	73,35	% 792,2	g/l			
Other information		,	3.			
The product does not conta	in substances of v	erv high cond	cern (SVHC).			
Other information		ory night con				
All components are contain All components are contain 15.2. Chemical safety asses	ed in the DSL or N s <b>ment</b>	IDSL invento	ry.			
All components are contain 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor	ed in the DSL or N sment nical safety assess <u>mation</u>	IDSL invento	ry.	ut.		
All components are contain 15.2. Chemical safety asses For this preparation a chem SECTION 16: Other infor Hazard statements listed i	ed in the DSL or N sment hical safety assess <u>mation</u> in Chapter 3	IDSL invento	been carried o			
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066	ed in the DSL or N sment nical safety assess <u>mation</u> in Chapter 3 Repeated expos	IDSL invento ment has not sure may cau	been carried o		king.	
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All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302	ed in the DSL or N sment nical safety assess <u>mation</u> in Chapter 3 Repeated expose Flammable liqui Harmful if swalle	IDSL invento ment has not sure may cau d and vapou owed.	been carried of been carried of use skin dryness r.	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226	ed in the DSL or N <b>sment</b> nical safety assess <u>mation</u> in Chapter 3 Repeated expos Flammable liqui Harmful if swally May be fatal if s	IDSL invento ment has not sure may cau d and vapour owed. wallowed and	been carried of been carried of use skin dryness r.	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304	ed in the DSL or N sment nical safety assess <u>mation</u> in Chapter 3 Repeated expose Flammable liqui Harmful if swalle	IDSL invento ment has not sure may cau d and vapou owed. wallowed and act with skin.	been carried of been carried of use skin dryness r.	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318	ed in the DSL or N <b>sment</b> nical safety assess <u>mation</u> in Chapter 3 Repeated expose Flammable liqui Harmful if swall May be fatal if s Harmful in conta Causes skin irri Causes serious	IDSL invento ment has not sure may cau d and vapou owed. wallowed and act with skin. tation. eye damage	been carried of use skin dryness r. d enters airways	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318 H332	ed in the DSL or N sment nical safety assess <u>mation</u> in Chapter 3 Repeated expose Flammable liqui Harmful if swall May be fatal if s Harmful in conta Causes skin irri Causes serious Harmful if inhale	IDSL invento ment has not d and vapour owed. wallowed and act with skin. tation. eye damage ed.	ry. been carried o use skin dryness r. d enters airways	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318 H322 H335	ed in the DSL or N <b>sment</b> hical safety assess <b>mation</b> <b>in Chapter 3</b> Repeated exposent Flammable liqui Harmful if swall May be fatal if s Harmful in conta Causes skin irri Causes serious Harmful if inhale May cause resp	IDSL invento ment has not d and vapour owed. wallowed and act with skin. tation. eye damage ed. viratory irritati	ry. been carried of use skin dryness r. d enters airways  on.	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318 H322 H335 H336	ed in the DSL or N <b>sment</b> hical safety assess <b>mation</b> <b>in Chapter 3</b> Repeated exposent Flammable liqui Harmful if swall May be fatal if so Harmful in conta Causes skin irri Causes serious Harmful if inhale May cause resp May cause drow	IDSL invento ment has not d and vapour owed. wallowed and act with skin. tation. eye damage ed. wiratory irritati vsiness or diz	ry. been carried of use skin dryness r. d enters airways on. zziness.	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318 H322 H335	ed in the DSL or N <b>sment</b> hical safety assess <b>mation</b> <b>in Chapter 3</b> Repeated exposent Flammable liqui Harmful if swall May be fatal if s Harmful in conta Causes skin irri Causes serious Harmful if inhale May cause resp May cause drow May damage th	IDSL invento ment has not d and vapour owed. wallowed and act with skin. tation. eye damage ed. wiratory irritati vsiness or diz	ry. been carried of use skin dryness r. d enters airways on. zziness.	s or crac	king.	
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All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318 H322 H335 H336 H360D <b>CLP categories listed in C</b>	ed in the DSL or N sment nical safety assess mation in Chapter 3 Repeated expose Flammable liqui Harmful if swall May be fatal if s Harmful in conte Causes skin irri Causes serious Harmful if inhale May cause resp May cause drow May damage th thapter 3	IDSL invento ment has not d and vapour owed. wallowed and act with skin. tation. eye damage ed. wiratory irritati vsiness or diz e unborn chil Category 4	ry. been carried of use skin dryness r. d enters airways on. zziness. d.	s or crac	king.	
All components are contain <b>15.2. Chemical safety asses</b> For this preparation a chem <b>SECTION 16: Other infor</b> <b>Hazard statements listed i</b> EUH066 H226 H302 H304 H312 H315 H318 H332 H335 H336 H360D <b>CLP categories listed in C</b> Acute Tox. 4 Asp. Tox. 1 Eye Dam. 1	ed in the DSL or N <b>sment</b> hical safety assess <b>mation</b> <b>in Chapter 3</b> Repeated expose Flammable liqui Harmful if swalle May be fatal if swalle May be fatal if swalle May be fatal if swalle Causes skin irri Causes serious Harmful if inhale May cause resp May cause drow May damage the <b>chapter 3</b> Acute toxicity, C Aspiration haza Serious eye dar	IDSL invento ment has not sure may cau d and vapour owed. wallowed and act with skin. tation. eye damage ed. wiratory irritati vsiness or diz e unborn chil category 4 rd, Category nage, Categor	been carried of use skin dryness r. d enters airways on. zziness. d. 1 pry 1	s or crac	king.	
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MSDS for #63412 - MARABU <del>Safety data sheet in accorda</del>	ance with reg	-∟ <del>ulation (EC) No 1907/2006</del>	Page +* ··
rade name: Marabu easy m	arble 324 15	ml MNA	
hardbu caby m		Version: 1/GB	Marab Date revised: 17.10.2019
Substance number: 1305903	39324	Replaces Version: - / GB	Print date: 19.03.20
ECTION 1: Identific	ation of t	he substance/mixture and	d of the
ompany/undertakin			
1.1. Product identifier Marabu easy marble	324, 15 ml MN	NA	
1.2. Relevant identified	uses of the	e substance or mixture and u	ses advised against
Use of the substance/p Paint	reparation		
Identified Uses			
SU21 PC9a		uses: Private households (= general p nd paints, thinners, paint removers	oublic = consumers)
1.3. Details of the supp	lier of the s	safety data sheet	
Address/Manufacture	er		
Marabu GmbH & Co. Asperger Strasse 4 71732 Tamm Germany Telephone no. Fax no. Information provided by / telephone E-mail address of	+49-7141/6 +49-7141/6	91-147 product safety	
person responsible for this SDS I.4. Emergency telepho (+49) (0)621-60-4333		r	
ECTION 2: Hazards		ation	
2.1. Classification of th			
Classification (Regul			
Classification (Regula		-	
	Flam. Liq. 3 STOT SE 3		
2.2. Label elements			
Labelling according	a to regula	tion (EC) No 1272/2008	
Hazard pictograms	g to togette		
	>		
Signal word Warning			
Hazard statements			
H226 H336		liquid and vapour. drowsiness or dizziness.	
Precautionary staten			

Page 1(17)

Page 18 of 85

ado namo: March	LOOSY marble 204 45	mI MNIA				
aue name: warab	u easy marble 324, 15	WINA Version:	1/GB			Marab Date revised: 17.10.2019
ubstance number:	13059039324	Replaces		: -/GB		Print date: 19.03.20
P101	If medical a	advice is needed	d. have	product	container or	label at hand.
P102		f reach of childr				
P210	Keep away sources. N		surfaces	s, sparks	s, open flame	es and other ignition
P271		utdoors or in a v	well-ven	tilated a	rea.	
P405	Store locke					
P501.9	•	contents / conta		•		
	omponent(s) to be i		-	-		-
contains		ons, C9-C11, n- 1-methylethyl a				< 2% aromatics; ol
2.3. Other hazar						
No special h	azards have to be me	ntioned.				
ECTION 3: Co	omposition/info	ormation o	n ingı	redier	<u>nts</u>	
3.2. Mixtures						
Chemical cha	racterization					
Paint based	on alkyd resins and or	n solvents				
Hazardous in	gredients					
1-Methoxy-2-	-					
CAS No.	107-98-2					
EINECS no.	203-539-1					
Registration						
Concentratio	n >=	25 <	< !	50	%	
Classification	n (Regulation (EC) No					
	STOT SE 3		H336			
	Flam. Liq. 3	3 H	H226			
	nethylethyl acetate					
CAS No.	108-65-6					
EINECS no. Registration	203-603-9 no. 01-211947	5701-20				
Concentration			< :	20	%	
					,.	
Classification	n (Regulation (EC) No		⊔226			
	Flam. Liq. 3 STOT SE 3		H226 H336			
Hydrocarbon	s, C9-C11, n-alkanes	, isoalkanes, cv	yclics, <	< 2% arc	omatics	
CAS No.	64742-48-9	)				
EINECS no.	265-150-3					
Registration		3258-33 (LIST I				
Concentratio	n >=	10 <	< 2	20	%	
Classification	n (Regulation (EC) No					
	Asp. Tox. 1		H304 H226			
	Flam. Liq. 3 STOT SE 3		H226 H336			
	3101363	, r				
		E	EUH066			
2-Butoxvethv	l acetate	E	EUHU66			
<b>2-Butoxyethy</b> CAS No.	l acetate 112-07-2	E	EUHU66			

ade name: Marabu easy i	marble 324 15 ml	MNA				Ŵ
		Version:	1 / GB		Date revised: 17.10.	Marab 2019
ubstance number: 13059	039324	Replace	s Versio	n: -/GB	Print date: 19.0	
Registration no.	01-211947511	12-47				
Concentration	>=	1	<	10	%	
Classification (Regu		272/2008)				
	Acute Tox. 4 Acute Tox. 4		H332 H312			
	Acute Tox. 4		H302			
2-Methoxypropanol						
CAS No.	1589-47-5					
EINECS no.	216-455-5					
Concentration	>=	0,1	<	0,3	%	
Classification (Regu		272/2008)				
	Skin Irrit. 2		H315			
	STOT SE 3		H335			
	Repr. 1B		H360D			
	Flam. Liq. 3 Eye Dam. 1		H226 H318			
<b>3,6-Bis(ethylamino)-</b> CAS No. EINECS no. Registration no.	3068-39-1 221-326-1 01-212010734	14-68	-	-		
Concentration	>=	0,01	<	0,1	%	
Classification (Regu		272/2008)				
	Acute Tox. 4 Eve Dam. 1		H302 H318			
	Aquatic Chron	ic 1	H410			
	Acute Tox. 2		H330		Route of exposure: inhalative	
	Skin Sens. 1		H317			
	STOT RE 1		H372			
	Repr. 2 Aquatic Acute	1	H361 H400			
	•					
Concentration limits	Aquatic Acute			10		
CTION 4. Eirct ai	d moocuroc					
ECTION 4: First ai						
1. Description of firs General information		S				
		ma paraiat	aaak m	diagl attar	ntion. Never give anything by mouth	
to an unconscious p	person. If unconsc	ious place	in recove	ery position	and seek medical advice.	
After inhalation						
Remove to fresh air artificial respiration.		m and at r	est. If bre	eathing is in	regular or stopped, administer	
After skin contact						
Remove contamina cleanser. Do NOT ι			oughly wi	th soap an	d water or use recognised skin	
After eye contact					olding the eyelids apart for at least	

MSDS for #63412 - MARABU EASY MARBLE
Safety data shoot in accordance with regulation (EC) No 1007/2006
barery data sheet in accordance with regulation (LO) no 150/12000

Trade name: Marabu easy marble 324, 15 ml MNA

Version: 1/GB

Substance number: 13059039324

Replaces Version: - / GB

Date revised: 17.10.2019 Print date: 19.03.20

Page

# After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**4.2. Most important symptoms and effects, both acute and delayed** Until now no symptoms known so far.

# 4.3. Indication of any immediate medical attention and special treatment needed

# Hints for the physician / treatment

Treat symptomatically

# SECTION 5: Firefighting measures

# 5.1. Extinguishing media

# Suitable extinguishing media

Recommended: alcohol resistant foam, CO2, powders, water spray/mist, Not be used for safety reasons: water jet

# 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); dense black smoke; Nitrogen oxides (NOx)

# 5.3. Advice for firefighters

# Special protective equipment for fire-fighting

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

# SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

# 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

# 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

# Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of

rade name: Mara					
	bu easy marble 324				Marab
			rsion: 1/GB		Date revised: 17.10.2019
Substance number	: 13059039324	Re	places Version:	- / GB	Print date: 19.03.20
be prohibit container i	ed in application are	ea. For perso sel. Always	nal protection see keep in containers	e Section 8. Ne s of same mat	oking, eating and drinking shall ever use pressure to empty: erial as the original one. is or water courses.
Advice on p	protection against	t fire and e	explosion		
-	-		-	apours may fo	orm explosive mixtures with
			i <b>ss / Ignition gro</b> ble liquid substand	-	xplosion class
	for safe storag	e. includi	ng any incom	patibilities	
	nts for storage ro				
Electrical i standards.	nstallations/working	materials m hich filling o	ust comply with th		t technological safety a conducting floor. Store in
	brage assembly				
	y from oxidising age			strongly acid	materials.
	rmation on stora	0			
sources of No smokin	heat and direct sun g. Prevent unauthor	light. Keep c	container tightly clo	osed. Keep aw	ilated place away from vay from sources of ignition. nust be carefully resealed and
	nt to prevent leakage <b>nd use(s)</b>	<del>)</del> .			
7.3. Specific er Paint SECTION 8: E	nd use(s) Exposure cont		sonal protec		
7.3. Specific er Paint SECTION 8: E 8.1. Control pa	nd use(s) Exposure conf rameters		sonal protee		
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li	nd use(s) Exposure conf rameters mit values	rols/per	<u>sonal protec</u>		
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy-	nd use(s) Exposure conf rameters	t <b>rols/per</b>	sonal protec		
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7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value	nd use(s) Exposure conf rameters mit values I-methylethyl aceta	t <b>rols/per</b> tre EH40	mg/m³	<u>ction</u> 50	ppm(V)
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term	nd use(s) Exposure conf rameters mit values	te EH40 WEL 274 548	mg/m³ mg/m³	<u>ction</u>	
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term	nd use(s) Exposure conf rameters mit values I-methylethyl aceta exposure limit ption / sensibilisation	te EH40 WEL 274 548	mg/m³ mg/m³	<u>ction</u> 50	ppm(V)
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term Skin resor 1-Methoxy-2 List	nd use(s) Exposure conf rameters mit values I-methylethyl aceta exposure limit ption / sensibilisation	trols/per te EH40 WEL 274 548 548 548 548 EH40	mg/m³ mg/m³	<u>ction</u> 50	ppm(V)
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term Skin resor 1-Methoxy- List Type	nd use(s) Exposure conf rameters mit values I-methylethyl aceta exposure limit ption / sensibilisation	trols/per EH40 WEL 274 548 n: Sk; Stat EH40 WEL	mg/m³ mg/m³ tus: 2011	50 100	ppm(V) ppm(V)
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7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term Skin resor 1-Methoxy- List Type Value Short term Skin resor	ad use(s) Exposure conf rameters mit values I-methylethyl aceta exposure limit ption / sensibilisation 2-propanol exposure limit ption / sensibilisation	trols/per te EH40 WEL 274 548 548 Sk; Stat EH40 WEL 375 560	mg/m³ mg/m³ tus: 2011 mg/m³	50 100	ppm(V) ppm(V) ppm(V)
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7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term Skin resor 1-Methoxy-2 List Type Value Short term Skin resor 2-Butoxyeth List Type Value Short term Skin resor	ad use(s) Exposure conf rameters mit values I-methylethyl aceta exposure limit ption / sensibilisation 2-propanol exposure limit ption / sensibilisation	trols/per tte EH40 WEL 274 548 Sk; Stat EH40 WEL 375 560 Sk; Stat EH40 WEL 133 332	mg/m³ mg/m³ tus: 2011 mg/m³ mg/m³	50 100 150 20	ppm(V) ppm(V) ppm(V) ppm(V)
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term Skin resor 2-Butoxyett List Type Value Short term Skin resor 2-Butoxyett List Type Value Short term Skin resor	ad use(s) Exposure conf rameters mit values 1-methylethyl aceta exposure limit ption / sensibilisation 2-propanol exposure limit ption / sensibilisation yl acetate exposure limit	trols/per te EH40 WEL 274 548 548 Sk; Stat EH40 WEL 375 560 560 560 Sk; Stat EH40 WEL 133 332 554 Sk; Stat	mg/m³ mg/m³ tus: 2011 mg/m³ mg/m³ tus: 2011	50 100 150 20	ppm(V) ppm(V) ppm(V) ppm(V)
7.3. Specific er Paint SECTION 8: E 8.1. Control pa Exposure li 2-Methoxy- List Type Value Short term Skin resor 1-Methoxy- List Type Value Short term Skin resor 2-Butoxyett List Type Value Short term Skin resor 2-Butoxyett List Type Value Short term Skin resor Derived No/	ad use(s) Exposure conf rameters mit values 1-methylethyl aceta exposure limit ption / sensibilisation 2-propanol exposure limit ption / sensibilisation hyl acetate exposure limit ption / sensibilisation	trols/per te EH40 WEL 274 548 548 548 560 WEL 375 560 560 Sk; Stat EH40 WEL 133 332 58; Stat EH40 WEL 133 332 58; Stat EH40 Sk; Stat EH40 WEL 133 132 133 132 133 133 133 133	mg/m <sup>3</sup> mg/m <sup>3</sup> tus: 2011 mg/m <sup>3</sup> mg/m <sup>3</sup> tus: 2011 tus: 2011	50 100 100 150 20 50	ppm(V) ppm(V) ppm(V) ppm(V)

Safety data sheet in accordance wit	n regulation (EO) NO 136//2000	
rade name: Marabu easy marble 324	4, 15 ml MNA	
	Version: 1 / GB	Date revised: 17.10.2019
Substance number: 13059039324	Replaces Version: - / GB	Print date: 19.03.20
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	300	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	300	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	300	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	900	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m³
2-Methoxy-1-methylethyl acet	ato	
Type of value	Derived No Effect Level (DNEL)	
	Worker	
Reference group Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action		
-	Systemic effects	mg/kg/d
Concentration	796	mg/kg/a
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	275	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	320	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	

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Safety data sheet in accordance wit	0 ( )	
rade name: Marabu easy marble 324	1, 15 ml MNA	Marab
	Version: 1 / GB	Date revised: 17.10.2019
Substance number: 13059039324	Replaces Version: - / GB	Print date: 19.03.20
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	33	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	33	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	36	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Lifetime	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	550	mg/m³
1-Methoxy-2-propanol		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	553,5	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	, ,
Concentration	50,6	mg/person/ d
Type of value Reference group	Derived No Effect Level (DNEL) Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	369	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	18,1	mg/kg
Type of value	Derived No Effect Level (DNEL)	

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	Page <del>*</del> ≢ ··
-		
rade name: Marabu easy marble 324		Marab
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039324	Replaces Version: - / GB	Print date: 19.03.20
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	43,9	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	3,3	mg/kg/d
2-Butoxyethyl acetate Reference substance	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	133	mg/m³
Concentration	133	ing/in-
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	333	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	169	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	120	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	80	mg/m³
	2-Butowethyl acotato	
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)	
	General Population	
Reference group		

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/SDS for #63412 - MARABU EASY N <del>Safety data sheet in accordance wi</del> t	IARDLE I <mark>h regulation (EC) No 1907/2006</mark>	Page 🗚
rada namar. Marabu agay marbla 22	4.45	Ň
rade name: Marabu easy marble 32		Marab
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039324	Replaces Version: - / GB	Print date: 19.03.20
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	200	mg/m³
	200	
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	102	mg/kg/d
Concontration	102	ing, kg, a
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	72	mg/kg/d
Concentration	12	ing/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	8,6	mg/kg/d
001100111011011	0,0	
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	36	mg/kg/d
Predicted No Effect Concen	tration (PNEC)	
2-Methoxy-1-methylethyl acet		
Reference substance	2-Methoxy-1-methylethyl acetate	
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,635	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	3,29	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	0,29	mg/kg
Source	Literature value	
Type of value	PNEC	
	-	
Type	Sewage treatment plant (STP)	mal
Concentration	100 Literature value	mg/l
Source		

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MSDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	Page 🌱		
rade name: Marabu easy marble 324				
	Version: 1/GB	Date revised: 17.10.201		
Substance number: 13059039324	Replaces Version: - / GB	Print date: 19.03.20		
	PNEC			
Type of value	-			
Туре	Marine sediment			
Concentration	0,329	mg/kg		
Source	Literature value			
Type of value	PNEC			
Туре	Saltwater			
Concentration	0,0635	mg/l		
1-Methoxy-2-propanol				
	PNEC			
Type of value	-			
Туре	Freshwater			
Concentration	10	mg/l		
Type of value	PNEC			
Туре	Water			
Concentration	41,6	mg/kg		
Type of value	PNEC			
Type	Sediment			
Concentration	41,6	mg/kg		
	PNEC			
Type of value	-			
Туре	Marine sediment			
Concentration	4,17	mg/kg		
Type of value	PNEC			
Туре	Soil			
Concentration	2,47	mg/kg		
Type of value	PNEC			
Type	Sewage treatment plant (STP)			
Concentration	100	mg/l		
2-Butoxyethyl acetate Reference substance	2-Butoxyethyl acetate			
Type of value	PNEC			
Type	Water	ma/I		
Concentration	0,304	mg/l		
Source	Literature value			
	2-Butoxyethyl acetate			
Type of value	PNEC			
Туре	Aquatic			
Concentration	0,0304	g/l		
Source	Literature value			
	2-Butoxyethyl acetate			
Type of value	PNEC			
Type	Sediment			
Concentration	2,03	mg/kg		
Source	Literature value	ilig/ing		
	2 Butowyothyl acatata			
Turne of unlive	2-Butoxyethyl acetate			
Type of value	PNEC			
Туре	Marine sediment			

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arety data sheet in accordance v	vith regulation (EC) No 1907/2006	
ade name: Marabu easy marble 3	324, 15 ml MNA	
	Version: 1 / GB	Date revised: 17.10.2019
ubstance number: 13059039324	Replaces Version: - / GB	Print date: 19.03.20
Concentration Source	0,203 Literature value	mg/kg
Type of value Type Concentration Source	2-Butoxyethyl acetate PNEC Soil 0,68 Literature value	mg/kg
.2. Exposure controls		
Exposure controls		
Provide adequate ventilatio exhaust ventilation and goo	n. Where reasonably practicable this shoul of general extraction. If these are not suffici pour below the OEL, suitable respiratory pr	ient to maintain concentrations of
Respiratory protection		
If workers are exposed to c respirators. Full mask, filter	oncentrations above the exposure limit the A	y must use appropriate, certified
Hand protection		
Material thickness Breakthrough time The breakthrough time must The instructions and inform replacement must be follow Gloves should be replaced Always ensure that gloves a The performance or effective maintenance. Barrier creams may help to	handling nitrile rubber gloves with textile un > 0,5 mm < 30 min at be greater than the end use time of the p ation provided by the glove manufacturer of red. regularly and if there is any sign of damage are free from defects and that they are stor- reness of the glove may be reduced by phy protect the exposed areas of the skin, they	roduct. on use, storage, maintenance and e to the glove material. ed and used correctly. rsical/ chemical damage and poor
once exposure has occurre	d.	
Eye protection	ad to protoct against calcable of liquida	
,, , ,	ed to protect against splash of liquids.	
Body protection Cotton or cotton/synthetic c	veralls or coveralls are normally suitable.	
ECTION 9: Physical and		
	ysical and chemical properties	
Form	Liquid	
Colour	coloured	
Odour	solvent-like	
Odour threshold		
Remarks	No data available	
pH value		
Remarks	Not applicable	
Melting point		
Remarks	not determined	
Freezing point Remarks		
	not determined	

rade	e name: Marabu easy marble 32	4, 15 ml MNA				
		Version:	1 / GB			Date revised: 17.10.201
Subs	stance number: 13059039324	Replaces \	/ersion:	- / GB		Print date: 19.03.2
	Initial boiling point and boil	ing range				
	Value	appr. 120			°C	
	Pressure	1.013	hPa			
	Source	Literature value				
	Flash point	22				
	Value Method	30 ASTM D 6450 (C	CCFP)		°C	
	Evaporation rate (ether = 1)	,	,			
	Remarks	not determined				
	Flammability (solid, gas)					
	Not applicable					
	Upper/lower flammability or	explosive limits				
	Lower explosion limit	appr. 0,7			%(V)	
	Upper explosion limit	appr. 13,7			%(V)	
	Source	Literature value				
	Vapour pressure Value	o			hPa	
	Temperature	8 20	°C		пра	
	Method	calculated	-			
	Vapour density					
	Remarks	not determined				
	Density					
	Value	1,08			g/cm³	
	Temperature Method	20 DIN EN ISO 2811	°C			
	Solubility in water					
	Remarks	partially miscible				
	Partition coefficient: n-octa					
	Remarks	Not applicable				
	Ignition temperature					
	Value	appr. 200			°C	
	Source	Literature value				
	Viscosity					
	dynamic				-	
	Value Temperature	30 40	to °C	50	mPa.s	
	Efflux time	40	U			
	Value	25	to	70	s	
	Temperature	20	°C	-		
	Method	DIN 53211 4 mm				
	Explosive properties					
	evaluation	no				
	Oxidising properties	Nonokaswa				
	evaluation	None known				
<b></b> .2.	Other information					
	Other information					

Trade name: Marabu easy marble 324, 15 ml MNA Version: 1/GB Date revised: 17.10.2019 Substance number: 13059039324 Replaces Version: -/GB Date revised: 17.10.2019 Date revised	MSDS for #63412 - MARABU EASY <del>Safety data sheet in accordance w</del>	with regulation (EC) No 1	907/2006	Page ** ···
Version: 1/GB     Date revised: 17.10.2019       Substance number: 13059039324     Replaces Version: -/GB     Print date: 19.03.20       SECTION 10: Stability and reactivity     No hazardous reactions when stored and handled according to prescribed instructions.     Image: Control of Contr	Frede nome. Morehu securette o	224 45 - 1 1 1 1		
Substance number:         13059039324         Replaces Version:         / GB         Print date:         19.03.20           SECTION 10:         Stability and reactivity           10.1.         Reactivity           No hazardous reactions when stored and handled according to prescribed instructions.           10.2.         Chemical stability           Stable under recommended storage and handling conditions (see section 7).           10.3.         Possibility of hazardous reactions           Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.           10.4.         Conditions to avoid           When exposed to high temperatures may produce hazardous decomposition products.           10.5.         Incompatible materials           No hazardous reactions when stored and handled according to prescribed instructions.           10.6.         Hazardous decomposition products           See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).           SECTION 11: Toxicological effects           Acute oral toxicity (Components)           11.1.         Information           11.2.         Information           Remarks         Based on available data, the classification criteria are not met.           Series         Based on available data, the classification criteria ar	rade name: Marabu easy marble 3		0.0	Marabu
SECTION 10: Stability and reactivity         10.1. Reactivity         No hazardous reactions when stored and handled according to prescribed instructions.         10.2. Chemical stability         Stable under recommended storage and handling conditions (see section 7).         10.3. Possibility of hazardous reactions         Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.         10.4. Conditions to avoid         When exposed to high temperatures may produce hazardous decomposition products.         10.5. Incompatible materials         No hazardous reactions when stored and handled according to prescribed instructions.         10.5. Incompatible materials         No hazardous reactions when stored and handled according to prescribed instructions.         10.6. Hazardous reactions when stored and handled according to prescribed instructions.         10.5. Incompatible materials         No hazardous reactions when stored and handled according to prescribed instructions.         10.5. Incompatible materials         No hazardous reactions when stored and handled according to prescribed instructions.         10.5. Incompatible materials         No hazardous reactions         11.1 Information on toxicological effects         Acute oral toxicity (Components)         1-Methoxy-2-propanol         Species       rabbit			-	
10.1. Reactivity No hazardous reactions when stored and handled according to prescribed instructions.         10.2. Chemical stability Stable under recommended storage and handling conditions (see section 7).         10.3. Possibility of hazardous reactions Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.         10.4. Conditions to avoid When exposed to high temperatures may produce hazardous decomposition products.         10.5. Incompatible materials No hazardous reactions when stored and handled according to prescribed instructions.         10.6. Hazardous decomposition products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).         SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute oral toxicity (Components) 1-Methoxy-2-propanol Species rat LD50 rat LD50 table         Species Species       rat LD50 table         Species Species       Based on available data, the classification criteria are not met.         Skin corrosion/irritation Remarks       Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks       Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks       Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks       Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks       Based on available da	Substance number: 13059039324	Replaces Ver	sion: -/GB	Print date: 19.03.20
10.1. Reactivity No hazardous reactions when stored and handled according to prescribed instructions.         10.2. Chemical stability Stable under recommended storage and handling conditions (see section 7).         10.3. Possibility of hazardous reactions Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.         10.4. Conditions to avoid When exposed to high temperatures may produce hazardous decomposition products.         10.5. Incompatible materials No hazardous reactions when stored and handled according to prescribed instructions.         10.6. Hazardous decomposition products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).         SECTION 11: Toxicological information Species LDSo         1.4. Metnoxy-2-propanol Species Species         Species See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).         SECTION 11: Toxicological effects Acute oral toxicity (Components)         1.4. Metnoxy-2-propanol Species       Species rabit LDSO         Species       rabit LDSO         1.9. Metnoxy-2-propanol Species       Based on available data, the classification criteria are not met.         Skin corrosion/irritation Remarks       Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks       Based on available data, the classification criteria are not met.         Sensitization Remarks       Based on available data, the classificati	SECTION 10: Stability an	d reactivity		
No hazardous reactions when stored and handled according to prescribed instructions. 10.2. Chemical stability Stable under recommended storage and handling conditions (see section 7). 10.3. Possibility of hazardous reactions Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. 10.4. Conditions to avoid When exposed to high temperatures may produce hazardous decomposition products. 10.5. Incompatible materials No hazardous reactions when stored and handled according to prescribed instructions. 10.6. Hazardous feactions when stored and handled according to prescribed instructions. 10.6. Hazardous feactions when stored and handled according to prescribed instructions. 10.6. Hazardous feactions when stored and handled according to prescribed instructions. 10.6. Hazardous feactions when stored and handled according to prescribed instructions. 10.6. Hazardous feactions when stored and handled according to prescribed instructions. 10.6. Hazardous feactions products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture). ECTION 11: Toxicological information 11.1. Information on toxicological effects Acute oral toxicity (Components) 1.4. Methoxy-2-propanol Species rat LD50 rspecies ratbit LD50 ratio 14000 mg/kg Acute inhalational toxicity Remarks Based on available data, the classification criteria are not met. Sensitization Remarks Based on available data, the classification criteria are not met. Sensitization Remarks Based on available data, the classification criteria are not met. Reproductive toxicity Remarks Based on available data, the classification criteria are not met. Reproductive toxicity Remarks Based on available data, the classification criteria are not met. Reproductive toxicity Remarks Based on available data, the classification criteria are not met. Reproductive toxicity Remarks Based on available data, the classification criteria are not met. Reproductive toxicity Remarks Based on available data,				
Stable under recommended storage and handling conditions (see section 7). 10.3. Possibility of hazardous reactions Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. 10.4. Conditions to avoid When exposed to high temperatures may produce hazardous decomposition products. 10.5. Incompatible materials No hazardous reactions when stored and handled according to prescribed instructions. 10.6. Hazardous decomposition products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture). 5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5		en stored and handled ac	cording to prescribed	d instructions.
Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.         10.4. Conditions to avoid       When exposed to high temperatures may produce hazardous decomposition products.         10.5. Incompatible materials       No hazardous reactions when stored and handled according to prescribed instructions.         10.6. Hazardous decomposition products       See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).         SECTION 11: Toxicological information       Information         11.1. Information on toxicological effects       Acute oral toxicity (Components)         1-Methoxy-2-propanol       5200 mg/kg         Species       rat LD50         1.50       14000 mg/kg         Acute inhalational toxicity       Tabbit         LD50       14000 mg/kg         Acute inhalational toxicity       Based on available data, the classification criteria are not met.         Skin corrosion/irritation       Remarks         Remarks       Based on available data, the classification criteria are not met.         Sensitization       Remarks         Remarks       Based on available data, the classification criteria are not met.         Sensitization       Remarks         Remarks       Based on available data, the classification criteria are not met.         Sensitization       Re		I storage and handling cor	nditions (see section	7).
When exposed to high temperatures may produce hazardous decomposition products.         10.5. Incompatible materials No hazardous reactions when stored and handled according to prescribed instructions.         10.6. Hazardous decomposition products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).         SECTION 11: Toxicological information Methody-2-propanol Species rat LD50 to 5200 mg/kg         1.1. Information on toxicological effects Acute oral toxicity (Components)         1.Methoxy-2-propanol Species rat LD50 to 5200 mg/kg         Acute dermal toxicity (Components)         1.Methoxy-2-propanol Species rabit LD50 to 1400 mg/kg         Acute inhalational toxicity Remarks Based on available data, the classification criteria are not met.         Skin corrosion/irritation Remarks Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks Based on available data, the classification criteria are not met.         Sensitization Remarks Based on available data, the classification criteria are not met.         Mutagenicity Remarks Based on available data, the classification criteria are not met.         Reproductive toxicity Remarks Based on available data, the classification criteria are not met.         Reproductive toxicity Remarks Based on available data, the classification criteria are not met.         Carcinogenicity Remarks Based on available data, the classification criteria are not met.         Reproductive toxicity Remarks Based on available data, the classification	Keep away from oxidising a		nd strongly acid mate	erials in order to avoid
No hazardous reactions when stored and handled according to prescribed instructions.  10.6. Hazardous decomposition products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).  EECTION 11: Toxicological information  11.1. Information on toxicological effects Acute oral toxicity (Components)  1Methoxy-2-propanol Species rat LD50 5200 mg/kg  Acute dermal toxicity (Components)  1Methoxy-2-propanol Species rat LD50 14000 mg/kg  Acute inhalational toxicity Remarks Based on available data, the classification criteria are not met. Serious eye damage/irritation Remarks Based on available data, the classification criteria are not met. Sensitization Remarks Based on available data, the classification criteria are not met.  Mutagenicity Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria are not met.  Remarks Based on available data, the classification criteria		peratures may produce ha	zardous decomposi	tion products.
10.6. Hazardous decomposition products See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).         SECTION 11: Toxicological information         11.1. Information on toxicological effects         Acute oral toxicity (Components)         1-Methoxy-2-propanol Species rat LD50 520 mg/kg         Acute dermal toxicity (Components)         1-Methoxy-2-propanol Species rat LD50 14000 mg/kg         Acute inhalational toxicity Remarks Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks Based on available data, the classification criteria are not met.         Mutagenicity Remarks Based on available data, the classification criteria are not met.         Mutagenicity Remarks Based on available data, the classification criteria are not met.         Remarks Based on available data, the classification criteria are not met.         Carcinogenicity Remarks Based on available data, the classification criteria are not met.         Remarks Based on available data, the classification criteria are not met.         Serious eye damage/irritation Remarks Based on available data, the cla			cording to prescribe	
See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).  SECTION 11: Toxicological information  Section 11: Toxicological effects Acute oral toxicity (Components)  1-Methoxy-2-propanol Species rat LD50 5200 mg/kg  Acute dermal toxicity (Components)  1-Methoxy-2-propanol Species rabbit LD50 14000 mg/kg  Acute inhalational toxicity Remarks Based on available data, the classification criteria are not met. Sensitization Remarks Based on available data, the classification criteria are not met. Sensitization Remarks Based on available data, the classification criteria are not met.  Mutagenicity Remarks Based on available data, the classification criteria are not met.  Sensitization Remarks Based on available data, the classification criteria are not met.  Sensitization Remarks Based on available data, the classification criteria are not met.  Sensitization Remarks Based on available data, the classification criteria are not met.  Carcinogenicity Remarks Based on available data, the classification criteria are not met.  Seporticity Remarks Based on available data, the classification criteria are not met.  Sensitization Remarks Based on available data, the classification criteria are not met.  Seporticity Remarks Based on available data, the classification criteria are not met.  Seporticity Remarks Based on available data, the classification criteria are not met.  Seporticity Remarks Based on available data, the classification criteria are not met.  Seporticity Remarks Based on available data, the classification criteria are not met.  Specific Target Organ Toxicy (STOT) Single exposure Remarks The classification criteria are met. evaluation May cause drowsiness or dizziness.			bording to presenset	
11.1. Information on toxicological effects         Acute oral toxicity (Components)         Species       rat         LD50       5200       mg/kg         Acute dermal toxicity (Components)       acute dermal toxicity (Components)         I-Methoxy-2-propanol       5200       mg/kg         Species       rabbit       mg/kg         LD50       14000       mg/kg         Acute inhalational toxicity       Remarks       Based on available data, the classification criteria are not met.         Skin corrosion/irritation       Remarks       Based on available data, the classification criteria are not met.         Serious eye damage/irritation       Remarks       Based on available data, the classification criteria are not met.         Remarks       Based on available data, the classification criteria are not met.         Remarks       Based on available data, the classification criteria are not met.         Remarks       Based on available data, the classification criteria are not met.         Reproductive toxicity       Remarks       Based on available data, the classification criteria are not met.         Carcinogenicity       Remarks       Based on available data, the classification criteria are not met.         Carcinogenicity       Remarks       Based on available data, the classification criteria are not met.         Carcinogenicit	See chapter 5.2 (Firefighting	g measures - Special haza	ards arising from the	substance or mixture).
Acute oral toxicity (Components)         1-Methoxy-2-propanol Species       rat         LD50       5200       mg/kg         Acute dermal toxicity (Components)       index of the second s	ECTION 11: Toxicologic	al information		
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			n: 1/GB		Date revised: 17.10.2019
ostance number: 13059	039324	Replac	es Version: -	/ GB	Print date: 19.03.20
Remarks	B	ased on availab	ole data, the cla	assification crit	teria are not met.
Aspiration hazard					
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and adverse effects dizziness, fatigue, n Solvents may cause contact with the mix dermatitis and abso reversible damage.	s on kidney, l nuscular wea e some of the ture may ca orption throug Ingestion m d immediate by oral, inha available on t en assessed sified for tox	liver and centra akness, drowsin e above effects use removal of gh the skin. The ay cause nause effects and alse alation and derr the mixture itse d following the a kicological haza	I nervous syste ness and in ext by absorption natural fat from liquid splashe a, diarrhoea an o chronic effect mal routes of ex If.	em. Symptoms reme cases, lo through the skin n the skin resu- d in the eyes in nd vomiting. T ts of compone xposure and e od of the CLP F	
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Substance number: 130590	narble 324, 15 ml MNA Version: 7 039324 Replaces \	1 / GB Version: - / GB	Marab Date revised: 17.10.2019 Print date: 19.03.20
	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1263	1263	1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	3	3	3
Label			3
14.4. Packing group	Ш	Ш	Ш
Special provision	640E		
Limited Quantity	51		
Transport category	3		
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Ensure that persons Other information 14.7. Transport in bul no	k according to Annex II of Ma	arpol and the IBC Code	•
Ensure that persons Other information 14.7. Transport in bul no ECTION 15: Regula 15.1. Safety, health an	-		
Ensure that persons Other information 14.7. Transport in bul no ECTION 15: Regula 15.1. Safety, health an or mixture Major-accident cate	atory information d environmental regulat gories acc. 96/82/EC	tions/legislation sp	ecific for the substance
Ensure that persons Other information 14.7. Transport in bul no ECTION 15: Regula 15.1. Safety, health an or mixture	atory information d environmental regulat		
Ensure that persons Other information 14.7. Transport in bul no ECTION 15: Regula 15.1. Safety, health an or mixture Major-accident cate Category	atory information d environmental regulat gories acc. 96/82/EC 6 Flammable 73,35 %	tions/legislation spo 5.000.000	ecific for the substance
Ensure that persons Other information 14.7. Transport in bull no ECTION 15: Regula 5.1. Safety, health an or mixture Major-accident cate Category VOC VOC (EU) VOC (EU) VOC (EU) Other information	atory information d environmental regulat gories acc. 96/82/EC 6 Flammable 73,35 %	tions/legislation spo 5.000.000 % 92,2 g/l	ecific for the substance

-		egulation (EC) No 1907/2006	
ade name: Marabu ea	asy marble 324, 1		Maral
		Version: 1 / GB	Date revised: 17.10.201
ubstance number: 13	059039324	Replaces Version: - / GB	Print date: 19.03.2
5.2. Chemical safe For this prepara ECTION 16: Oth Hazard statemen EUH066	tion a chemical s ner informat nts listed in Ch	afety assessment has not been carried	
H226		mmable liquid and vapour.	3
H302	Ha	rmful if swallowed.	
H304		y be fatal if swallowed and enters airwa	ays.
H312		rmful in contact with skin.	
H315 H317		uses skin irritation.	
H317 H318		y cause an allergic skin reaction. uses serious eye damage.	
H318 H330		al if inhaled.	
H332		rmful if inhaled.	
H335		y cause respiratory irritation.	
H336	Ma	y cause drowsiness or dizziness.	
H360D		y damage the unborn child.	
H361		spected of damaging fertility or the unb	
H372		uses damage to organs through prolon	ged or repeated exposure.
H400 H410		ry toxic to aquatic life. ry toxic to aquatic life with long lasting (	offocts
-			enects.
CLP categories			
Acute Tox. 2 Acute Tox. 4		ute toxicity, Category 2	
Aquatic Acute 1		ute toxicity, Category 4 zardous to the aquatic environment, ac	sute Category 1
Aquatic Acute 1		zardous to the aquatic environment, ac	
Asp. Tox. 1		piration hazard, Category 1	
Eye Dam. 1	Se	rious eye damage, Category 1	
Flam. Liq. 3		mmable liquid, Category 3	
Repr. 1B		productive toxicity, Category 1B	
Repr. 2 Skin Irrit. 2		productive toxicity, Category 2	
Skin Int. 2 Skin Sens. 1		n irritation, Category 2 n sensitization, Category 1	
STOT RE 1	Sn	ecific target organ toxicity - repeated ex	xposure, Category 1
STOT SE 3		ecific target organ toxicity - single expo	
Supplemental in	•		
Relevant chang This information guarantee for ar	es compared with is based on our ny specific produc	n the previous version of the safety data present state of knowledge. However, ct properties and shall not establish a le ta Sheet is based on the present state	it should not constitute a egally valid relationship.
It provides guida construed as an	y guarantee of te	afety and environmental aspects of the chnical performance or suitability for p	articular applications.
		or purposes other than those shown in en handling instructions.	Sector i without hist relefting
As the specific of	conditions of use	of the product are outside the supplier'	
		s of relevant legislation are complied w	
		safety data sheet does not constitute t ther health and safety legislation.	he user's own assessment of

MSDS for #63412 - MARABU	EASY MARB	LE	Page 🔧 📶
Safety data sheet in accorda	nce with ree	gulation (EC) No 1907/2006	
Trade name: Marabu easy ma	arble 334, 15	ml MNA	
		Version: 1 / GB	Date revised: 04.11.2019
Substance number: 1305903	9334	Replaces Version: - / GB	Print date: 19.03.20
SECTION 1. Identifica	ation of t	he substance/mixture and	l of the
company/undertaking			
	<u>a</u>		
1.1. Product identifier Marabu easy marble 3	334. 15 ml M	NA	
		e substance or mixture and us	ses advised against
Use of the substance/p			j.
Identified Uses			
SU21	Consumer	uses: Private households (= general p	ublic = consumers)
PC9a		nd paints, thinners, paint removers	,
1.3. Details of the suppl	ier of the	safety data sheet	
Address/Manufacture	er		
Marabu GmbH & Co.	KG		
Asperger Strasse 4 71732 Tamm			
Germany			
Telephone no.	+49-7141/6		
Fax no. Information provided	+49-7141/6 Departmen	t product safety	
by / telephone			
E-mail address of person responsible	PRSI@mai	rabu.com	
for this SDS			
1.4. Emergency telepho	ne numbe	r	
(+49) (0)621-60-4333			
SECTION 2: Hazards	identific	ation	
2.1. Classification of the			
Classification (Regula			
Classification (Regula		-	
Classification (Regula	Flam. Liq. 3	B H226	
	STOT SE 3	H336	
2.2. Label elements			
Labelling according	, to regula	tion (EC) No 1272/2008	
Hazard pictograms	-		
<u>•</u>			
$\sim$			
Signal word			
Warning			
Hazard statements H226	Flammahle	liquid and vapour.	
H336		drowsiness or dizziness.	
Precautionary statem	ents		

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afety data sheet in accor							
ade name: Marabu easy	marble 334, 15 n						Marabu
		Version:				Date revised:	
ubstance number: 13059	039334	Replace	s Versior	n: -/GI	В	Print da	te: 19.03.20
P101	If medical ad	vice is need	ed, have	product	container or	label at hand.	
P102	Keep out of r						
P210	Keep away fi sources. No		t surface	es, spark	s, open flame	es and other igniti	on
P271	Use only out		well-ver	ntilated a	area.		
P405	Store locked						
P501.9	Dispose of c	ontents / cor	ntainer as	s probler	matic waste.		
Hazardous compor	nent(s) to be in	dicated on	label (	Regula	tion (EC) No	o. 1272/2008)	
contains					anes, cyclics, oxy-2-propane	< 2% aromatics; ol	
.3. Other hazards							
No special hazards	have to be ment	ioned.					
	oition/inf	motion		radia	nto		
ECTION 3: Compo	osition/infor	mation of	on ing	reale	nts		
.2. Mixtures							
Chemical character	rization						
Paint based on alky	/d resins and on s	solvents					
Hazardous ingredie	ents						
1-Methoxy-2-propar	nol						
CAS No.	107-98-2						
EINECS no.	203-539-1						
Registration no.	01-21194574				0.4		
Concentration	>=	25	<	50	%		
Classification (Reg	ulation (EC) No. <sup>2</sup>	272/2008)					
、 · · 3	STOT SE 3	,	H336				
	Flam. Liq. 3		H226				
2-Methoxy-1-methyl	ethyl acetate						
CAS No.	108-65-6						
EINECS no.	203-603-9						
Registration no.	01-21194757						
Concentration	>=	10	<	20	%		
Classification (Reg	ulation (EC) No. 1	272/2008)					
	Flam. Liq. 3	,	H226				
	STOT SE 3		H336				
Hydrocarbons, C9-0		soalkanes,	cyclics,	< 2% ar	omatics		
CAS No.	64742-48-9						
EINECS no.	265-150-3	59 22 /1107		D 010 0	957 5)		
Registration no. Concentration	01-21194632 >=	258-33 (LIST 10		20	357-5) %		
Concentration	/-	10	-	20	70		
Classification (Reg		272/2008)					
	Asp. Tox. 1		H304				
	Flam. Liq. 3 STOT SE 3		H226 H336				
	0101023		EUH06	5			
2-Butoxvethyl aceta	ite						
<b>2-Butoxyethyl aceta</b> CAS No.	ite 112-07-2						

Substance number:	1 easy marble 33	34, 15 ml	Version:		n: -/GE	3	Marabu Date revised: 04.11.2019 Print date: 19.03.20
Registration r	no. 01-21	1194751 <i>′</i> >=	•	<	10	%	
Classification	Acute	C) No. 12 e Tox. 4 e Tox. 4 e Tox. 4 e Tox. 4	272/2008)	H332 H312 H302			
<b>2-Methoxypro</b> CAS No. EINECS no. Concentration	- 1589 216-4	-47-5 155-5 >=	0,1	<	0,3	%	
Classification	STOT Repr. Flam.	Irrit. 2 Γ SE 3	272/2008)	H315 H335 H360D H226 H318			
to an uncons	f doubt, or when cious person. If		ms persist,				ver give anything by mouth k medical advice.
In all cases o to an uncons After inhalatio Remove to fr artificial respi After skin con	mation f doubt, or when cious person. If on esh air, keep pa iration. htact	unconsc atient war	ms persist, ious place m and at re	in recove est. If bre	ery positio	on and see s irregular c	ek medical advice.
In all cases o to an unconse After inhalation Remove to fr artificial respi After skin con Remove cont cleanser. Do	mation f doubt, or when cious person. If on esh air, keep pa iration. htact taminated clothi NOT use solver	unconsc atient war ng. Wasł	ms persist, ious place m and at ro n skin thorc	in recove est. If bre	ery positio	on and see s irregular c	k medical advice.
In all cases o to an unconst After inhalation Remove to fr artificial respi After skin cont Remove cont cleanser. Do After eye cont Remove cont minutes and	mation f doubt, or when cious person. If on esh air, keep pa iration. htact taminated clothi NOT use solven tact tact lenses, irrig seek immediate	unconsc atient war ng. Wasł nts or thir ate copic	ms persist, ious place m and at re n skin thoro nners. pusly with c	in recove est. If bre oughly wi	ery positio eathing is th soap a	on and see irregular c and water c	k medical advice.
In all cases o to an unconst After inhalation Remove to fr artificial respi After skin com Remove cont cleanser. Do After eye cont Remove cont minutes and After ingestion If accidentally	mation f doubt, or when cious person. If on esh air, keep pa iration. htact taminated clothi NOT use solver tact tact lenses, irrig seek immediate n	atient war ng. Wash nts or thin ate copic medical se the mo	ms persist, ious place m and at ro n skin thoro nners. usly with c advice. puth with pl	in recove est. If bre bughly wi lean, free enty of w	ery position eathing is th soap a sh water, vater (onl	on and see and water of holding the y if the per	ek medical advice. or stopped, administer or use recognised skin
In all cases o to an unconse After inhalation Remove to free artificial respination After skin come Remove conte cleanser. Do After eye conte Remove conte minutes and se After ingestion If accidentally immediate me 4.2. Most importation	mation f doubt, or when cious person. If on esh air, keep pa iration. htact taminated clothi NOT use solven tact lenses, irrig seek immediate n y swallowed rins edical attention.	unconsc atient war ng. Wash nts or thin ate copic medical se the mo Keep at <b>ns and</b>	ms persist, ious place m and at ro n skin thoro nners. ously with c advice. outh with pl rest. Do N effects, <b>l</b>	in recove est. If bre bughly wi lean, free enty of w OT induc	ery position eathing is th soap a sh water, vater (onl ce vomitio	on and see and water of holding the y if the per-	ek medical advice. For stopped, administer For use recognised skin e eyelids apart for at least 10 son is conscious) and obtain
In all cases o to an unconse After inhalation Remove to free artificial respination After skin com Remove conte cleanser. Do After eye conte Remove conte minutes and After ingestion If accidentally immediate meta 4.2. Most importation	mation f doubt, or when cious person. If pesh air, keep paration. atact taminated clothi NOT use solver tact lenses, irrig seek immediate n y swallowed rins edical attention. ant symptoms symptoms know any immedia physician / tree	unconsc atient war ng. Wasl nts or thin ate copic medical se the mo Keep at <b>ns and</b> vn so far. <b>ate me</b>	ms persist, ious place m and at re n skin thoro nners. ously with c advice. outh with pl rest. Do N effects, l	in recover est. If bree bughly wi lean, free enty of w OT induce <b>Doth ac</b>	ery position eathing is th soap a sh water, vater (onl ce vomition cute and	on and see and water of holding the y if the per- ng. <b>d delaye</b>	ek medical advice. For stopped, administer For use recognised skin e eyelids apart for at least 10 son is conscious) and obtain
In all cases o to an uncons After inhalation Remove to fra- artificial respination After skin com Remove cont cleanser. Do After eye cont Remove cont minutes and After ingestion If accidentally immediate ma After ingostion If accidentally immediate ma Afta contant If accidentally immediate ma	mation f doubt, or when cious person. If pesh air, keep paration. atact taminated clothi NOT use solver tact lenses, irrig seek immediate n y swallowed rins edical attention. ant symptoms know any immedi physician / tree matically efighting n	unconsc atient war ng. Wash nts or thin ate copic medical se the mo Keep at ns and vn so far. ate me atment	ms persist, ious place m and at re n skin thoro ners. ously with c advice. outh with pl rest. Do N effects, I dical atte	in recover est. If bree bughly wi lean, free enty of w OT induce <b>Doth ac</b>	ery position eathing is th soap a sh water, vater (onl ce vomition cute and	on and see and water of holding the y if the per- ng. <b>d delaye</b>	ek medical advice. For stopped, administer For use recognised skin e eyelids apart for at least 10 son is conscious) and obtain

#### MSDS for #63412 - MARABU EASY MARBLE -Safety data sheet in accordance with regulation (EC) No 1907/2006

- Salety data sheet in accordance with regulation (EC) NO 1507/2

Trade name: Marabu easy marble 334, 15 ml MNA

Version: 1/GB

Substance number: 13059039334

Replaces Version: - / GB

Date revised: 04.11.2019 Print date: 19.03.20

Page

### 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); dense black smoke; Nitrogen oxides (NOx)

# 5.3. Advice for firefighters

## Special protective equipment for fire-fighting

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

# SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of particulates and spray mist arising from the application of this mixture. Smoking, eating and drinking shall be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses.

### Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances) Temperature class T4

### 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Electrical installations/working materials must comply with the local applied technological safety standards. Storage rooms in which filling operations take place must have a conducting floor. Store in accordance with national regulation

ISDS for #63412 - MARABU EASY I <del>Jafety data sheet in accordance w</del>	th regulation (EC) No 1907/	2006	
ade name: Marabu easy marble 3	34. 15 ml MNA		
,	Version: 1/GB		Date revised: 04.11.2019
ubstance number: 13059039334	Replaces Version:	- / GB	Print date: 19.03.20
Hinto on storage accombly			
Hints on storage assembly	ents, from strongly alkaline a	nd strongly acid	materials
Further information on sto		na strongry aola	
Observe label precautions. S sources of heat and direct su	tore between 15 and 30 °C ir inlight. Keep container tightly	closed. Keep aw	
kept upright to prevent leaka		ich ale opened i	hust be calefully resealed and
7.3. Specific end use(s) Paint			
ECTION 8: Exposure co	<u>ntrois/personal prot</u>	ection	
3.1. Control parameters			
Exposure limit values			
2-Methoxy-1-methylethyl ace			
List	EH40		
Туре	WEL	50	
Value	274 mg/m <sup>3</sup> 548 mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit Skin resorption / sensibilisati		100	ppm(V)
1-Methoxy-2-propanol			
List	EH40		
Туре	WEL		
Value	375 mg/m³	100	ppm(V)
Short term exposure limit	560 mg/m <sup>3</sup>	150	ppm(V)
Skin resorption / sensibilisati	on: Sk; Status: 2011		
2-Butoxyethyl acetate			
List	EH40		
Туре	WEL		
Value	133	20	ppm(V)
Short term exposure limit	332	50	ppm(V)
Skin resorption / sensibilisati			
Derived No/Minimal Effect	Levels (DNEL/DMEL)		
Hydrocarbons, C9-C11, n-alk	anes, isoalkanes, cyclics, <	2% aromatics	
Type of value	Derived No Effect Level (	(DNEL)	
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	300		mg/kg
Type of value	Derived No Effect Level (	DNEL)	
Reference group	Consumer		
Duration of exposure	Long term		
Route of exposure	oral		
Mode of action	Systemic effects		
Concentration	300		mg/kg
Type of value	Derived No Effect Level (		
Reference group	Consumer		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
	- ,		

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/ISDS for #63412 - MARABU EASY M Safety data sheet in accordance wit	hrole h regulation (EC) No 1907/2006	Page 44 m
rade name: Marabu easy marble 334		Marab
	Version: 1 / GB	Date revised: 04.11.2019
Substance number: 13059039334	Replaces Version: - / GB	Print date: 19.03.20
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Systemic effects	
Concentration	900	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m³
2 Mothewy 1 methylethyl cost	ata	
2-Methoxy-1-methylethyl acet Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	796	mg/kg/d
	Derived No Effect Level (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	275	mg/m³
	Derived No Effect Level (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	320	mg/kg/d
Concentration	520	ing/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Systemic effects 33	mg/m³
		····
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Local effects 33	mg/m³
		5
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	36	mg/kg/d

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del> l	h regulation (EC) No 1907/2006	Page ***
rade name: Marabu easy marble 334		N
rade name. Marabu easy marble 334	Version: 1/GB	Marab Date revised: 04.11.2019
Substance number: 13059039334	Replaces Version: - / GB	Print date: 19.03.20
	Derived No Effect Level (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Worker	
Duration of exposure	Lifetime	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	550	mg/m³
		-
1-Methoxy-2-propanol		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	553,5	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	50,6	mg/person/
		d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	369	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	18,1	mg/kg
<b>-</b> <i>i</i> .		
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	(
Concentration	43,9	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	3,3	mg/kg/d
2-Butoxyethyl acetate		
Reference substance	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	

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ISDS for #63412 - MARABU EASY M <del>afety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	Page 49-
ade name: Marabu easy marble 33	4 15 ml MNA	
	Version: 1/GB	Date revised: 04.11.201
ubstance number: 13059039334	Replaces Version: - / GB	Print date: 19.03.20
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	133	mg/m³
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	333	mg/m³
Town	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure Route of exposure	Long term dermal	
Mode of action	Systemic effects	
Concentration	169	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action Concentration	Systemic effects 120	malkald
Concentration	120	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Systemic effects	mg/m³
Concentration	80	IIIg/IIIs
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	200	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	102	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	

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MSDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	ARBLE h regulation (EC) No 1907/2006	Page 43 -	
callery data sheet in accordance wit			
rade name: Marabu easy marble 334	4, 15 ml MNA		
	Version: 1 / GB	Date revised: 04.11.201	
Substance number: 13059039334	Replaces Version: - / GB	Print date: 19.03.20	
Concentration	72	mg/kg/d	
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)		
Reference group			
	General Population		
Duration of exposure Route of exposure	Long term		
	oral Svotomia offecto		
Mode of action	Systemic effects	$m \alpha / l \alpha / d$	
Concentration	8,6	mg/kg/d	
	2-Butoxyethyl acetate		
Type of value	Derived No Effect Level (DNEL)		
Reference group	General Population		
Duration of exposure	Short term		
Route of exposure	oral		
Mode of action	Systemic effects		
Concentration	36	mg/kg/d	
Predicted No Effect Concent	tration (PNEC)		
2-Methoxy-1-methylethyl acet			
Reference substance	2-Methoxy-1-methylethyl acetate		
Type of value	PNEC		
Type	Freshwater		
Concentration	0,635	mg/l	
Type of value	PNEC		
Туре	Freshwater sediment		
Concentration	3,29	mg/kg	
Type of value	PNEC		
Type	Soil		
Concentration	0,29	mg/kg	
Source	Literature value	5.5	
Type of value	PNEC		
Type	Sewage treatment plant (STP)		
Concentration	100	mg/l	
Source	Literature value	5	
Type of value	PNEC		
Туре	Marine sediment		
Concentration	0,329	mg/kg	
Source	Literature value		
Type of value	PNEC		
Туре	Saltwater		
Concentration	0,0635	mg/l	
1-Methoxy-2-propanol			
Type of value	PNEC		
Туре	Freshwater		
Concentration	10	mg/l	
Type of value	PNEC		
Туре	Water		
Concentration	41,6	mg/kg	

le name: Marabu easy marble 334	4, 15 ml MNA		
-	Version: 1/GB	Date revised: 04.11.201	
ostance number: 13059039334	Replaces Version: - / GB	Print date: 19.03.2	
Type of value	PNEC		
Туре	Sediment		
Concentration	41,6	mg/kg	
Type of value	PNEC		
Type	Marine sediment		
Concentration		malka	
Concentration	4,17	mg/kg	
Type of value	PNEC		
Туре	Soil		
Concentration	2,47	mg/kg	
Type of value	PNEC		
Туре	Sewage treatment plant (STP)		
Concentration	100	mg/l	
2-Butoxyethyl acetate			
Reference substance	2-Butoxyethyl acetate		
Type of value	PNEC		
Туре	Water		
Concentration	0,304	mg/l	
Source	Literature value	iiig/i	
	2 Dutovy other accetate		
	2-Butoxyethyl acetate		
Type of value	PNEC		
Туре	Aquatic		
Concentration	0,0304	g/l	
Source	Literature value		
	2-Butoxyethyl acetate		
Type of value	PNEC		
Туре	Sediment		
Concentration	2,03	mg/kg	
Source	Literature value		
	2-Butoxyethyl acetate		
Type of value	PNEC		
Type	Marine sediment		
Concentration	0,203	mg/kg	
Source	Literature value	······································	
	2 Butowothyl acctate		
	2-Butoxyethyl acetate		
Type of value	PNEC		
Type	Soil		
Concentration	0,68	mg/kg	
Source	Literature value		

# Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

## **Respiratory protection**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Full mask, filter A

DS for #63412 - MARABU EASY	MARBLE	Page /*
ety data sheet in accordance w	rith regulation (EC) No 1907/2006	
e name: Marabu easy marble 3	-	Mara
	Version: 1/GB	Date revised: 04.11.201
stance number: 13059039334	Replaces Version: - / GE	B Print date: 19.03.2
Hand protection		
There is no one glove mater	rial or combination of materials that wi	Il give unlimited resistance to any
individual or combination of		
For prolonged or repeated n Material thickness	andling nitrile rubber gloves with textil 0,5 mm	le undergioves are required.
Breakthrough time	< 30 min	
	t be greater than the end use time of t	
		rer on use, storage, maintenance and
replacement must be followe	ea. regularly and if there is any sign of dar	mage to the glove material
	are free from defects and that they are	
	eness of the glove may be reduced by	physical/ chemical damage and poor
maintenance.	protoct the eveneed event of the other	they abould however not be seeled
Barrier creams may help to once exposure has occurred	protect the exposed areas of the skin,	they should nowever not be applied
Eve protection	<i>.</i>	
<b>7</b> 1	ed to protect against splash of liquids.	
Body protection	se to protoot against spiasit of liquids.	
	veralle or coveralle are permelly eviteb	
Conton of Conton/Synthetic O	veralls or coveralls are normally suitab	<b>川</b> 伝.
CHON 9. Physical and	i chemical properties	
CTION 9: Physical and		
. Information on basic phy	ysical and chemical propertie	S
. Information on basic ph Form	ysical and chemical propertie	s
. Information on basic ph Form Colour	ysical and chemical propertie	s
. Information on basic ph Form Colour Odour	ysical and chemical propertie Liquid coloured	S
. Information on basic phy Form Colour Odour Odour threshold	ysical and chemical propertie Liquid coloured solvent-like	S
. Information on basic phy Form Colour Odour Odour threshold Remarks	ysical and chemical propertie Liquid coloured	S
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value	ysical and chemical propertie Liquid coloured solvent-like No data available	S
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks	ysical and chemical propertie Liquid coloured solvent-like	S
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable	S
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks	ysical and chemical propertie Liquid coloured solvent-like No data available	s
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined	s
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined not determined	s
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined not determined <b>iling range</b>	
. Information on basic phy Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined not determined	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120	
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa	
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30	
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> <li>Flash point Value</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> <li>Evaporation rate (ether = 1</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ) :	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> <li>Evaporation rate (ether = 1 Remarks</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ) :	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> <li>Flash point Value Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas)</li> </ul>	ysical and chemical properties Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> <li>Flash point Value Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas) Not applicable</li> <li>Upper/lower flammability of Lower explosion limit</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined inot determined	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> <li>Flash point Value Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas) Not applicable</li> <li>Upper/lower flammability of Lower explosion limit Upper explosion limit</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined inot determined	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> <li>Flash point Value Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas) Not applicable</li> <li>Upper/lower flammability of Lower explosion limit</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined inot determined	°C °C %(V)

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ade name: Marabu easy marble 33	Ň	Version: 1			Date	evised: 04.11.2019
ubstance number: 13059039334		Replaces \	/ersion:	- / GB		Print date: 19.03.20
Value		8			hPa	
Temperature		20	°C			
Method	calcula	tea				
Vapour density Remarks	not dot	orminod				
	not det	ermined				
<b>Density</b> Value		1,08			g/cm <sup>3</sup>	
Temperature		20	°C		g/cm²	
Method	DIN EN	ISO 2811	-			
Solubility in water						
Remarks	partially	/ miscible				
Partition coefficient: n-octa	nol/water					
Remarks	Not app	olicable				
Ignition temperature						
Value	appr.	200			°C	
Source	Literatu	ire value				
Viscosity						
dynamic						
Value		30	to	50	mPa.s	
Temperature		40	°C			
Efflux time						
Value		25 20	to °C	70	S	
Temperature Method	DIN 53	20 211 4 mm	C			
Explosive properties						
evaluation	no					
Oxidising properties						
evaluation	None k	nown				
0.2. Other information						
Other information						
The physical specifications ar	e approxim	nate values	and ref	er to the	used safety relevar	t component(s).
ECTION 10: Stability and	roactiv	,i4\ <i>,</i>				
ECTION TO: Stability and	Teactiv	ily				
0.1. Reactivity						
No hazardous reactions wher	n stored and	d handled	accordir	ig to pres	scribed instructions.	
0.2. Chemical stability						
Stable under recommended s	storage and	l handling o	conditior	ns (see s	ection 7).	
0.3. Possibility of hazardous Keep away from oxidising age			and stro	ongly aci	d materials in order	to avoid
exothermic reactions. <b>0.4. Conditions to avoid</b> When exposed to high tempe	raturas ma	voroduco	bozordo		modulate	
	ratures ma	y produce	nazaruc		inposition products.	
0.5. Incompatible materials No hazardous reactions when	stored an	d handled	accordin	na to pres	scribed instructions	

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rade name: Marabu easy marble 3	21 15 ~			
rade name. Marabu easy marble 3	34, 15 11	Version: 1/GB		Marabu Date revised: 04.11.2019
			<b>CD</b>	Print date: 19.03.20
Substance number: 13059039334		Replaces Version: - /	GB	Filit date. 19.03.20
ECTION 11: Toxicologic	al inf	ormation		
11.1. Information on toxicolo	•			
Acute oral toxicity (Compo	onents)			
1-Methoxy-2-propanol				
Species	rat	5000		
LD50		5200	mg/kg	
Acute dermal toxicity (Con	nponen	its)		
1-Methoxy-2-propanol				
Species LD50	rabbit	14000	mg/kg	
Acute inhalational toxicity		14000	iiig/kg	
Remarks	Based	l on available data, the clas	sification criteria	a are not met
Skin corrosion/irritation	Dasca		Sincation criteria	a are not met.
Remarks	Based	l on available data, the clas	sification criteria	a are not met
Serious eye damage/irritat			Sincation criteria	a are not met.
Remarks		l on available data, the clas	sification criteria	a are not met
Sensitization	Dasca		Sincation criteria	a are not met.
Remarks	Based	l on available data, the clas	sification criteria	a are not met
Mutagenicity	Dasca		Sincation criteria	a are not met.
Remarks	Based	l on available data, the clas	eification criteri	a are not met
Reproductive toxicity	Daseu	i on avaliable data, the clas	Sincation chiena	a are not met.
Remarks	Based	l on available data, the clas	eification criteri	a are not met
	Daseu	i on available data, the clas	Silication criteria	a are not met.
Carcinogenicity Remarks	Bacad	l on available data, the clas	cification critori	a are not mot
			Silication criteria	a are not met.
Specific Target Organ Tox	icity (S	101)		
Single exposure		assification criteria are met		
Remarks evaluation		assification criteria are met ause drowsiness or dizzine	-	
Repeated exposure	iviay of			
Remarks	Based	l on available data, the clas	sification criteria	a are not met.
Aspiration hazard				
Based on available data, the	e classifi	cation criteria are not met.		
Experience in practice				
Exposure to component solv	/ents vai	pours concentration in exce	ess of the stated	l occupational exposure
limit may result in adverse h and adverse effects on kidn dizziness, fatigue, muscular Solvents may cause some of contact with the mixture may dermatitis and absorption th reversible damage. Ingestio	ey, liver weakne of the abo / cause   rough th	and central nervous system ess, drowsiness and in extre ove effects by absorption the removal of natural fat from the skin. The liquid splashed	n. Symptoms an eme cases, loss prough the skin. the skin resultin in the eyes ma	nd signs include headache, of consciousness. Repeated or prolonged ig in non-allergic contact y cause irritation and
known, delayed and immedi long-term exposure by oral,				
Other information				
There are no data available				
The mixture has been asses	and falls	ovving the edditivity meethed	of the CLD Dee	whation (EC) No

Trade name: Marabu easy marble	e 334, 15 n				Marahu
			: 1/GB		Date revised: 04.11.2019
Substance number: 1305903933	4	Replace	es Version:	- / GB	Print date: 19.03.20
	le on the n	nixture itsel			rains or water courses.The
and is not classified as da					PRegulation (EC) No 1272/2008
Fish toxicity (Componen	its)				
<b>1-Methoxy-2-propanol</b> Species LC0 Duration of exposure	golder >	n orfe (Leuc 4600 96	iscus idus) h	mg	ŋ/l
Daphnia toxicity (Compo	onents)				
<b>1-Methoxy-2-propanol</b> Species EC50 Duration of exposure	Daphr	nia magna 23300 48	h	mg	ŋ/l
Algae toxicity (Compone	ents)				
<b>1-Methoxy-2-propanol</b> Species EC50 Duration of exposure	Desm >	odesmus 1000 168	h	mg	ŋ/l
Bacteria toxicity (Compo	onents)				
<b>1-Methoxy-2-propanol</b> Species EC50	activa >	ted sludge 1000		mg	J/I
12.2. Persistence and degr	adability	/			
General information	-				
Biodegradability (Compo	onents)				
<b>1-Methoxy-2-propanol</b> Value Duration of test evaluation Method		90 28 ly biodegrad 301 F	d dable (acco	% ding to OEC	D criteria)
12.3. Bioaccumulative pote					
General information There are no data availab Partition coefficient: n-o Remarks	le on the n ctanol/wa				
12.4. Mobility in soil General information There are no data availab					
12.5. Results of PBT and v					
General information	1 10 035	COSINGIII			

#### MSDS for #63412 - MARABU EASY MARBLE -Safety data sheet in accordance with regulation (EC) No 1907/2006

balety data sheet in accordance with regulation (EO) no 1507

Trade name: Marabu easy marble 334, 15 ml MNA

Version: 1/GB

Substance number: 13059039334

Replaces Version: - / GB

Date revised: 04.11.2019 Print date: 19.03.20

### 12.6. Other adverse effects

## **General information**

There are no data available on the mixture itself.

# SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

Do not allow to enter drains or water courses.

Wastes and emptied containers should be classified in accordance with relevant national regulation. The European Waste Catalogue classification of this product, when disposed of as waste is

EWC waste code08 01 11\*waste paint and varnish containing organic solvents or other<br/>dangerous substances

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

### Disposal recommendations for packaging

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Not emptied containers are hazardous waste (waste code number 150110).

# SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1263	1263	1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	3	3	3
Label			3
14.4. Packing group	ш	Ш	ш
Special provision	640E		
Limited Quantity	5		
Transport category	3		
14.5. Environmental hazards		no	
	-		-

# Information for all modes of transport

Item Numbers: 63412-1019

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/ISDS for #63412 - MARABL <del>Safety data sheet in accor</del> e	J EASY MAR <del>dance with re</del>	BLE egulation (EC	<del>:) No 1907/</del>	2006			Page =^
rade name: Marabu easy r			-				M
		Versio	n: 1/GB		[	Date revised: 0	4.11.2019
Substance number: 130590	039334	Replac	es Version:	- / GB		Print date	: 19.03.20
<b>14.6. Special precauti</b> Transport within the Always transport in Ensure that persons	user's premis closed contair	ners that are			of an a	ccident or spilla	ge.
Other information 14.7. Transport in bull no	k according t	to Annex II o	f Marpol an	nd the IBC Code	e		
ECTION 15: Regula	atory info	ormation					
15.1. Safety, health an or mixture	d environn	nental reg	ulations/le	egislation sp	pecific	for the subs	stance
Major-accident cate	dories acc	96/82/FC					
Category	-	mmable		5.000.000	kg	50.000.000	kg
•••				0.000.000	мg	00.000.000	<u></u>
VOC (EU)		73,35	%				
VOC (EU)			792,2	g/l			
Other information							
The product does no	ot contain sub	stances of ve	ery high con	cern (SVHC).			
Other information							
All components are All components are	contained in t	the DSL or NI					
All components are All components are <b>15.2. Chemical safety</b> For this preparation	contained in t assessmei a chemical sa	the DSL or NI <b>nt</b> afety assessn	DSL invento	ry.	ut.		
All components are All components are <b>15.2. Chemical safety</b> For this preparation	contained in t assessmei a chemical sa informati	the DSL or NI nt afety assessn i <b>on</b>	DSL invento	ry.	ut.		
All components are All components are 15.2. Chemical safety For this preparation ECTION 16: Other	contained in t assessmei a chemical sa informati listed in Cha	the DSL or NI nt afety assessn i <u>ON</u> apter 3	DSL invento	ry.		sking.	
All components are All components are I5.2. Chemical safety For this preparation ECTION 16: Other Hazard statements EUH066 H226	contained in t assessmei a chemical sa informati listed in Cha Rep Flai	the DSL or NI afety assessn ion apter 3 peated expos mmable liquic	DSL invento nent has not ure may cau d and vapou	ry. t been carried of use skin dryness		sking.	
All components are All components are 5.2. Chemical safety For this preparation ECTION 16: Other Hazard statements EUH066 H226 H302	contained in t assessmei a chemical sa informati listed in Cha Rep Flai Har	the DSL or NI afety assessn ion apter 3 peated expos mmable liquic mful if swallo	DSL invento nent has not ure may cau d and vapou wed.	ry. t been carried of use skin dryness r.	s or crac	sking.	
All components are All components are 5.2. Chemical safety For this preparation ECTION 16: Other Hazard statements EUH066 H226 H302 H304	contained in t assessmei a chemical sa informati listed in Cha listed in Cha Flan Har May	the DSL or NI afety assessm ion apter 3 peated expos mmable liquic mful if swallo y be fatal if sv	DSL invento nent has not ure may cau d and vapou wed. vallowed an	ry. t been carried of use skin dryness r. d enters airways	s or crac	sking.	
All components are All components are IS.2. Chemical safety For this preparation ECTION 16: Other Hazard statements EUH066 H226 H302 H304 H312	contained in t assessmei a chemical sa informati listed in Cha listed in Cha Fla Har May Har	the DSL or NI afety assessm iOD apter 3 peated expos mmable liquic rmful if swallo y be fatal if sw mful in conta	DSL invento nent has not ure may cau d and vapou wed. vallowed an ct with skin.	ry. t been carried of use skin dryness r. d enters airways	s or crac	king.	
All components are All components are IS.2. Chemical safety For this preparation ECTION 16: Other Hazard statements EUH066 H226 H302 H304 H312 H315	contained in t assessmer a chemical sa informati listed in Cha listed in Cha Flan Har May Har Cau	the DSL or NI afety assessm iOD apter 3 peated expos mmable liquic mful if swallo y be fatal if sw mful in conta uses skin irrita	DSL invento nent has not ure may cau d and vapou wed. vallowed an ct with skin. ation.	ry. t been carried of use skin dryness r. d enters airways	s or crac	king.	
All components are All components are All components are <b>5.2. Chemical safety</b> For this preparation <b>ECTION 16: Other</b> <b>Hazard statements</b> EUH066 H226 H302 H304 H312 H315 H318	contained in t assessmer a chemical sa informati listed in Cha listed in Cha Flan Har May Har Cau Cau	the DSL or NI afety assessm iOD apter 3 beated expos mmable liquid mful if swallo y be fatal if sw mful in conta uses skin irrita	DSL invento nent has not ure may cau d and vapou wed. vallowed an ct with skin. ation. eye damage	ry. t been carried of use skin dryness r. d enters airways	s or crac	king.	
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100000101 #00412 - 10	/IARABU EASY MARBLE	=		Page = +
Safety data sheet in	accordance with regu	lation (EC) No 1907/2	906	
Trade name: Marab	u easy marble 334, 15 m			Marabu
		Version: 1/GB	100	Date revised: 04.11.2019
Substance number:	13059039334	Replaces Version:	- / GB	Print date: 19.03.20
It provides g construed as The product to the suppli As the speci for ensuring The informat	uidance on health, safet s any guarantee of techn should not be used for p er and obtaining written	y and environmental as ical performance or su purposes other than the handling instructions. he product are outside relevant legislation are ety data sheet does no	spects of the produ itability for particul ose shown in Secti the supplier's cont e complied with. ot constitute the us	uct and should not be lar applications. ion 1 without first referring trol, the user is responsible

MSDS for #63412 - MARABU I Safety data sheet in accorda	EASY MARBL	E Hation (EC) No 1907/2006	Page => ~
Trade name: Marabu easy ma	arble 350, 15 n		Marabu
		Version: 1/GB	Date revised: 15.01.2021 Print date: 03.12.21
Substance number: 1305903	9350	Replaces Version: - / GB	Finit date: 03.12.21
		• • • • •	
		e substance/mixture and	d of the
company/undertaking	1		
1.1. Product identifier Marabu easy marble 3	250 15 ml MN	٨	
	-	$\stackrel{\frown}{}$ substance or mixture and u	ses advised against
Use of the substance/pi			ises advised against
Paint	opulation		
Identified Uses			
SU21 PC9a		ses: Private households (= general p d paints, thinners, paint removers	oublic = consumers)
1.3. Details of the suppl	ier of the sa	afety data sheet	
Address/Manufacture		······································	
Marabu GmbH & Co.	KG		
Asperger Strasse 4 71732 Tamm			
Germany			
Telephone no.	+49-7141/69		
Fax no. Information provided	+49-7141/69	1-147 product safety	
by / telephone	Department		
E-mail address of	PRSI@mara	bu.com	
person responsible for this SDS			
1.4. Emergency telepho	ne number		
(+49) (0)621-60-4333			
SECTION 2: Hazards	identifica	tion	
2.1. Classification of the			
Classification (Regula			
Classification (Regula		-	
( <b>C</b>	Flam. Liq. 3	H226	
	STOT SE 3	H336	
2.2. Label elements			
Labelling according	ı to regulati	on (EC) No 1272/2008	
Hazard pictograms			
$\wedge$			
Signal word			
Warning			
Hazard statements			
H226		quid and vapour.	
H336		rowsiness or dizziness.	
Precautionary statem	ents		

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rade name: Marabu easy	marble 350, 15 ml	MNA				
Tade hame. Marabu casy		Version:	1 / GB			Date revised: 15.01.202
Substance number: 13059	039350	Replaces		n: -/GE	3	Print date: 03.12.2
P101	If medical advi	ce is need	ed, have	product	container or la	bel at hand.
P102	Keep out of rea	ach of child	dren.			
P210	Keep away from sources. No sn		t surface	s, spark	s, open flames	and other ignition
P271	Use only outdo		well-ver	ntilated a	rea.	
P405	Store locked up		-:			
P501.9	Dispose of con					
Hazardous compor			-	-		-
contains	Hydrocarbons, 2-Methoxy-1-m					2% aromatics;
2.3. Other hazards						
No special hazards	have to be mention	ned.				
ECTION 3: Compo	sition/inform	nation o	on ing	redie	<u>nts</u>	
3.2. Mixtures						
Chemical character	rization					
Paint based on alky	d resins and on so	lvents				
Hazardous ingredie						
1-Methoxy-2-propan						
CAS No.	107-98-2					
EINECS no.	203-539-1					
Registration no.	01-211945743	5-35				
Concentration	>=	25	<	50	%	
Classification (Reg	ulation (EC) No. 12	72/2008)				
	STOT SE 3		H336			
	Flam. Liq. 3		H226			
2-Methoxy-1-methyl	ethyl acetate					
CAS No.	108-65-6					
EINECS no.	203-603-9					
Registration no. Concentration	01-211947579			20	%	
Concentration	>=	10	<	20	%	
Classification (Reg	. ,	72/2008)				
	Flam. Liq. 3		H226			
	STOT SE 3		H336			
Hydrocarbons, C9-C		alkanes,	cyclics,	< 2% ar	omatics	
CAS No. EINECS no.	64742-48-9 265-150-3					
Registration no.	01-211946325	8-33 (LIST		R 919-8	(57-5)	
Concentration		10	<	20	%	
Classification (Reg		72/2008)				
	Asp. Tox. 1		H304			
	Flam. Liq. 3 STOT SE 3		H226 H336			
	3101 36 3		EUH06	6		
2-Butoxyethyl aceta	te					
2-Butoxyethyl aceta CAS No.	te 112-07-2					

Substance number: 13	asy marble 350, 15 3059039350	Version	: 1 / GB es Versior	n: -/GI	В	Marabu Date revised: 15.01.2021 Print date: 03.12.21
Registration no Concentration	o. 01-2119475 >=	5112-47 1	<	10	%	
Classification (	Regulation (EC) No. Acute Tox. Acute Tox. Acute Tox.	4 4	H332 H312 H302			
<b>2-Methoxypropa</b> CAS No. EINECS no. Concentration	anol 1589-47-5 216-455-5 >=	0,1	<	0,3	%	
Classification (	Regulation (EC) No. Skin Irrit. 2 STOT SE 3 Repr. 1B Flam. Liq. 3 Eye Dam. 1		H315 H335 H360D H226 H318			
General information of the set of	doubt, or when sympous person. If uncon	otoms persis				ver give anything by mouth k medical advice.
General information In all cases of a to an unconscient After inhalation Remove to free artificial respiration After skin contact	ation doubt, or when symp ous person. If uncon sh air, keep patient w tion. act	otoms persis scious place varm and at	in recove	ery positi	on and see s irregular c	ek medical advice.
General information of the second sec	ation doubt, or when symp bus person. If uncon sh air, keep patient w tion. act minated clothing. Wa OT use solvents or t	otoms persis scious place varm and at ash skin thor	in recove	ery positi	on and see s irregular c	ek medical advice.
General informa In all cases of a to an unconscient After inhalation Remove to free artificial respira After skin conta Cleanser. Do N After eye conta Remove conta Remove conta	ation doubt, or when symp bus person. If uncon sh air, keep patient w tion. act minated clothing. Wa OT use solvents or t ct	otoms persis scious place varm and at ash skin thor chinners.	in recove est. If bre oughly wi	ery positi eathing is th soap :	on and see s irregular o and water o	ek medical advice.
General informa In all cases of a to an unconscie After inhalation Remove to fres artificial respira After skin conta cleanser. Do N After eye conta Remove conta minutes and se After ingestion	ation doubt, or when symp bus person. If uncon sh air, keep patient w titon. act minated clothing. Wa OT use solvents or t ct ct lenses, irrigate cop sek immediate medic	otoms persis scious place varm and at ash skin thor chinners. piously with cal advice. mouth with p	in recove rest. If bre oughly wit clean, fres lenty of w	ery positi eathing is th soap a sh water eater (on	on and see s irregular o and water o , holding th ly if the per	ek medical advice. or stopped, administer or use recognised skin
General informa In all cases of a to an unconscie After inhalation Remove to free artificial respira After skin conta cleanser. Do N After eye conta Remove conta minutes and se After ingestion If accidentally s immediate med	ation doubt, or when symp bus person. If uncon sh air, keep patient w tion. act minated clothing. Wa OT use solvents or t ct ct lenses, irrigate cop sek immediate medic swallowed rinse the p dical attention. Keep	otoms persis scious place varm and at ash skin thor chinners. piously with cal advice. mouth with p at rest. Do N	in recove rest. If bre oughly win clean, fres lenty of w IOT induc	ery positi eathing is th soap a sh water sh water cater (on se vomiti	on and see s irregular o and water o , holding th ly if the per ng.	ek medical advice. or stopped, administer or use recognised skin re eyelids apart for at least 10 rson is conscious) and obtain
General informa In all cases of a to an unconsci After inhalation Remove to fres artificial respira After skin conta Cleanser. Do N After eye conta Remove conta Cleanser. Do N After eye conta Minutes and se After ingestion If accidentally s immediate med 4.2. Most importar Until now no sy 4.3. Indication of a	ation doubt, or when symp bus person. If uncon sh air, keep patient w ition. act minated clothing. Wa OT use solvents or t ct ct lenses, irrigate cop sek immediate medic swallowed rinse the p dical attention. Keep of symptoms and mptoms known so fain iny immediate medicate medicate sysician / treatmediate	otoms persis scious place varm and at ash skin thor chinners. piously with cal advice. mouth with p at rest. Do N d effects, ar. nedical att	in recove rest. If bre oughly wit clean, fres lenty of w IOT induc <b>both ac</b>	ery positi eathing is th soap a sh water eater (on te vomiti <b>ute an</b>	ion and see s irregular o and water o , holding th ly if the per ng. <b>d delaye</b>	ek medical advice. or stopped, administer or use recognised skin he eyelids apart for at least 10 rson is conscious) and obtain
General informa In all cases of a to an unconsci After inhalation Remove to fres artificial respira After skin conta cleanser. Do N After eye conta Remove conta minutes and se After ingestion If accidentally s immediate med 4.2. Most importar Until now no sy 4.3. Indication of a Hints for the ph	ation doubt, or when symp bus person. If uncon sh air, keep patient w titon. act minated clothing. Wa OT use solvents or t ct ct lenses, irrigate cop sek immediate medic swallowed rinse the m dical attention. Keep at symptoms and mptoms known so fa any immediate medicate m bysician / treatmen atically	otoms persis scious place varm and at ash skin thor chinners. piously with cal advice. mouth with p at rest. Do N d effects, ar. nedical att nt	in recove rest. If bre oughly wit clean, fres lenty of w IOT induc <b>both ac</b>	ery positi eathing is th soap a sh water eater (on te vomiti <b>ute an</b>	ion and see s irregular o and water o , holding th ly if the per ng. <b>d delaye</b>	ek medical advice. or stopped, administer or use recognised skin he eyelids apart for at least 10 rson is conscious) and obtain

MSDS for #63412 - MARABU EASY MARBLE
Safety data sheet in accordance with regulation (EC) No 1907/2006
Garciy data sheet in accordance with regulation (EO) No 1507/2000

Trade name: Marabu easy marble 350, 15 ml MNA

Version: 1/GB

Substance number: 13059039350

Replaces Version: - / GB

Date revised: 15.01.202

Print date: 03.12.21

ad

### 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); dense black smoke; Nitrogen oxides (NOx)

## 5.3. Advice for firefighters

## Special protective equipment for fire-fighting

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

# SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

# 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of particulates and spray mist arising from the application of this mixture. Smoking, eating and drinking shall be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses.

### Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

# Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances) Temperature class Т4

### 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Electrical installations/working materials must comply with the local applied technological safety standards. Storage rooms in which filling operations take place must have a conducting floor. Store in accordance with national regulation

Safety data sheet in accordance wit	th regulatio	<del>n (EC) No 1907/2</del>	006	
Frade name: Marabu easy marble 35	0, 15 ml MN	IA		N
	V	ersion: 1/GB		Date revised: 15.01.2021
Substance number: 13059039350	R	eplaces Version:	- / GB	Print date: 03.12.2
Hints on storage assembly				
Store away from oxidising age	ents, from s	trongly alkaline ar	d strongly acid	materials.
Further information on stora	ade condi	tions		
Observe label precautions. Si sources of heat and direct sur	tore betwee nlight. Keep prised acces	n 15 and 30 °C in container tightly o	losed. Keep av	
7.3. Specific end use(s) Paint				
SECTION 8: Exposure con	trols/ne	ersonal prote	ection	
8.1. Control parameters				
Exposure limit values				
2-Methoxy-1-methylethyl acet				
List	EH40			
Туре	WEL		50	
Value	274	mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit Skin resorption / sensibilisatio	548 m:Sk: St	mg/m³ atus: 2011	100	ppm(V)
	л. ок, оа	alus. 2011		
1-Methoxy-2-propanol List	EH40			
Туре	WEL			
Value	375	mg/m³	100	ppm(V)
Short term exposure limit	560	mg/m <sup>3</sup>	150	ppm(V)
Skin resorption / sensibilisation	on: Sk; Sta	atus: 2011		
2-Butoxyethyl acetate				
List	EH40			
Туре	WEL			
Value	133		20	ppm(V)
Short term exposure limit	332		50	ppm(V)
Skin resorption / sensibilisatio		atus: 2011		
Derived No/Minimal Effect L	.evels (DN	EL/DMEL)		
Hydrocarbons, C9-C11, n-alka	anes, isoall	kanes, cyclics, <	2% aromatics	
Type of value	Derived	No Effect Level (	DNEL)	
Reference group	Worker			
Duration of exposure	Long ter	m		
Route of exposure	dermal			
Mode of action		c effects		malka
Concentration		300		mg/kg
Type of value	Derived	No Effect Level (	ONEL)	
Reference group	Consum	,	,	
Duration of exposure	Long ter	m		
Route of exposure	oral			
Mode of action		c effects		
Concentration		300		mg/kg
Type of value	Derived	No Effect Level (	NFL)	
Reference group	Consum	,		
Duration of exposure	Long ter			
Route of exposure	dermal			
Mode of action		c effects		
				mg/kg

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Safety data sheet in accordance wit		
rade name: Marabu easy marble 35	0, 15 ml MNA	
	Version: 1 / GB	Date revised: 15.01.202
Substance number: 13059039350	Replaces Version: - / GB	Print date: 03.12.21
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	900	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m³
2-Methoxy-1-methylethyl acet	ate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	796	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	275	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	320	malkald
Concentration	320	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Systemic effects 33	mg/m³
		<u> </u>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Local effects 33	mg/m³
		-
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action Concentration	Systemic effects	$m \alpha / l \alpha / d$
Concentration	36	mg/kg/d

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regulation (EC) No 1907/2006	
, 15 ml MNA	
	Date revised: 15.01.202
	Print date: 03.12.2
Derived No Effect Level (DNEL)	
Worker	
Lifetime	
inhalative	
550	mg/m³
Derived No Effect Level (DNEL)	
553,5	mg/m³
Derived No Effect Level (DNEL)	
Worker	
Long term	
dermal	
Systemic effects	
	mg/person/
;-	d
Derived No Effect Level (DNEL)	
0	
	mg/m³
209	mg/m²
Derived No Effect Level (DNEL)	
General Population	
18,1	mg/kg
Derived No Effect Level (DNEL)	
General Population	
Long term	
inhalative	
43,9	mg/m³
Derived No Effect Level (DNEL)	
3,3	mg/kg/d
2-Butoxvethvl acetate	
	Lifetime inhalative Local effects 550 Derived No Effect Level (DNEL) Worker Acute inhalative Local effects 553,5 Derived No Effect Level (DNEL) Worker Long term dermal Systemic effects 50,6 Derived No Effect Level (DNEL) Worker Long term inhalative Systemic effects 369 Derived No Effect Level (DNEL) General Population Long term dermal Systemic effects 18,1 Derived No Effect Level (DNEL) General Population Long term inhalative Systemic effects 18,1 Derived No Effect Level (DNEL) General Population Long term inhalative Systemic effects 43,9 Derived No Effect Level (DNEL) General Population Long term inhalative Systemic effects 43,9

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SDS for #63412 - MARABU EASY M afety data sheet in accordance wit	ANDLE h regulation (EC) No 1907/2006	Page	
ade name: Marabu easy marble 350	) 15 ml MNA	Ň	
	Version: 1/GB	Date revised: 15.01.202	
ubstance number: 13059039350	Replaces Version: - / GB	Print date: 03.12.2	
Route of exposure	inhalative		
Mode of action	Systemic effects		
Concentration	133	mg/m³	
	2-Butoxyethyl acetate		
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Short term		
Route of exposure	inhalative		
Mode of action	Local effects		
Concentration	333	mg/m³	
Turnelatively	2-Butoxyethyl acetate		
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action Concentration	Systemic effects 169	mg/kg/d	
Concentration	100	ing, kg, d	
	2-Butoxyethyl acetate		
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Short term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	120	mg/kg/d	
	2-Butoxyethyl acetate		
Type of value	Derived No Effect Level (DNEL)		
Reference group	General Population		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Systemic effects		
Concentration	80	mg/m³	
	2-Butoxyethyl acetate		
Type of value	Derived No Effect Level (DNEL)		
Reference group	General Population		
Duration of exposure	Short term		
Route of exposure	inhalative		
Mode of action	Local effects		
Concentration	200	mg/m³	
	2-Butoxyetbyl acotato		
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)		
Reference group	General Population		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	102	mg/kg/d	
	2 Putowothyl operate		
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)		
Type of value Reference group	General Population		
Duration of exposure	Short term		
Route of exposure	dermal		
Mode of action	Systemic effects		

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/SDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	
rade name: Marabu easy marble 350	). 15 ml MNA	
	Version: 1/GB	Date revised: 15.01.2021
Substance number: 13059039350	Replaces Version: - / GB	Print date: 03.12.2
Concentration	72	mg/kg/d
Type of value	2-Butoxyethyl acetate Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	8,6	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	oral	
Mode of action	Systemic effects	<i>n i i</i>
Concentration	36	mg/kg/d
Predicted No Effect Concent	tration (PNEC)	
2-Methoxy-1-methylethyl acet		
Reference substance	2-Methoxy-1-methylethyl acetate	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,635	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	3,29	mg/kg
	PNEC	
Type of value	-	
Type	Soil	
Concentration	0,29	mg/kg
Source	Literature value	
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	100	mg/l
Source	Literature value	
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,329	mg/kg
Source	Literature value	
Type of value	PNEC	
Туре	Saltwater	
Concentration	0,0635	mg/l
1-Methoxy-2-propanol		
Type of value	PNEC	
Type	Freshwater	
Concentration	10	mg/l
Type of value	PNEC	
Type	Water	
Concentration	41,6	mg/kg
Concontration		

de name: Marabu easy marble 350			
	Version: 1 / GB	Date revised: 15.01.202	
ostance number: 13059039350	Replaces Version: - / GB	Print date: 03.12.2	
Type of value	PNEC		
Туре	Sediment		
Concentration	41,6	mg/kg	
Type of value	PNEC		
Туре	Marine sediment		
Concentration	4,17	mg/kg	
Turne of unlive			
Type of value	PNEC		
Туре	Soil		
Concentration	2,47	mg/kg	
Type of value	PNEC		
Туре	Sewage treatment plant (STP)		
Concentration	100	mg/l	
2-Butoxyethyl acetate			
	2 Dutovy othyl contato		
Reference substance	2-Butoxyethyl acetate		
Type of value	PNEC		
Туре	Water		
Concentration	0,304	mg/l	
Source	Literature value		
	2-Butoxyethyl acetate		
Type of value	PNEC		
Туре	Aquatic		
Concentration	. 0.0304	g/l	
Source	Literature value	5	
	2-Butoxyethyl acetate		
Type of value	PNEC		
Type	Sediment		
Concentration	2,03	mg/kg	
Source	Literature value		
	2-Butowethyl acotato		
Type of yelue	2-Butoxyethyl acetate PNEC		
Type of value	-		
Type	Marine sediment	malka	
Concentration	0,203	mg/kg	
Source	Literature value		
	2-Butoxyethyl acetate		
Type of value	PNEC		
Туре	Soil		
Concentration	0,68	mg/kg	
Source	Literature value		

# Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

## **Respiratory protection**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Full mask, filter A

DS for #63412 - MARABU EASY	MARBLE	Page **
ety data sheet in accordance v	with regulation (EC) No 1907/2006	
e name: Marabu easy marble 3	350 15 ml MNA	
c hame. Marabu casy marble (	Version: 1/GB	Date revised: 15.01.202
stance number: 13059039350		Print date: 03.12.2
stance number. 13039039350		· ····· date: co:·
Hand protection		
	rial or combination of materials that will	give unlimited resistance to any
individual or combination of	chemicals.	
For prolonged or repeated I Material thickness	handling nitrile rubber gloves with textile > 0,5 mm	e undergloves are required.
Breakthrough time	< 30 min	
The breakthrough time mus	at be greater than the end use time of th	
	ation provided by the glove manufacture	er on use, storage, maintenance and
replacement must be follow	/ed. regularly and if there is any sign of dam	age to the glove material
	are free from defects and that they are s	
	veness of the glove may be reduced by	
maintenance.	protoct the owneed error of the older	how chould how over and he can list
Barrier creams may help to once exposure has occurre	protect the exposed areas of the skin, t	ney should nowever not be applied
Eye protection		
	ed to protect against splash of liquids.	
Body protection	es le protect againet opiden of liquide.	
	overalls or coveralls are normally suitable	6
CTION 9. Physical and	d chemical properties	
	ysical and chemical properties	5
Form	Liquid	5
		5
Form Colour Odour	Liquid coloured	5
Form Colour	Liquid coloured	5
Form Colour Odour Odour threshold Remarks	Liquid coloured solvent-like	5
Form Colour Odour Odour threshold Remarks pH value	Liquid coloured solvent-like No data available	5
Form Colour Odour Odour threshold Remarks pH value Remarks	Liquid coloured solvent-like	5
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point	Liquid coloured solvent-like No data available Not applicable	5
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks	Liquid coloured solvent-like No data available	5
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point	Liquid coloured solvent-like No data available Not applicable not determined	5
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks	Liquid coloured solvent-like No data available Not applicable not determined not determined	5
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo	Liquid coloured solvent-like No data available Not applicable not determined not determined <b>billing range</b>	
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks	Liquid coloured solvent-like No data available Not applicable not determined not determined	<b>°</b> C
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value	Liquid coloured solvent-like No data available Not applicable not determined not determined <b>billing range</b> appr. 120	
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure	Liquid coloured solvent-like No data available Not applicable not determined not determined <b>biling range</b> appr. 120 1.013 hPa	
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value	Liquid coloured solvent-like No data available Not applicable not determined not determined biling range appr. 120 1.013 hPa Literature value 30	
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method	Liquid coloured solvent-like No data available Not applicable not determined not determined piling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	℃
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 1	Liquid coloured solvent-like No data available Not applicable not determined not determined oiling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) 1) :	℃
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 7)	Liquid coloured solvent-like No data available Not applicable not determined not determined piling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	℃
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 7 Remarks Flammability (solid, gas)	Liquid coloured solvent-like No data available Not applicable not determined not determined oiling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) 1) :	℃
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 7 Remarks Flammability (solid, gas) Not applicable	Liquid coloured solvent-like No data available Not applicable not determined not determined biling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) 1) : not determined	℃
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 7 Remarks Flammability (solid, gas) Not applicable Upper/lower flammability	Liquid coloured solvent-like No data available Not applicable not determined not determined piling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) 1) : not determined	°C
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 7 Remarks Flammability (solid, gas) Not applicable	Liquid coloured solvent-like No data available Not applicable not determined not determined biling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) 1) : not determined	℃
Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Freezing point Remarks Initial boiling point and bo Value Pressure Source Flash point Value Method Evaporation rate (ether = 7 Remarks Flammability (solid, gas) Not applicable Upper/lower flammability	Liquid coloured solvent-like No data available Not applicable not determined not determined piling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) 1) : not determined or explosive limits appr. 0,7	°C °C

ade name: Marabu easy marble					-	Marab
ubstance number: 13059039350		Version: Replaces \		- / GB	Da	te revised: 15.01.2021 Print date: 03.12.21
Value		8			hPa	
Temperature Method	calcula	20	°C			
Vapour density	Calcula	lieu				
Remarks	not de	ermined				
Density	not de	emined				
Value		0,95			g/cm <sup>3</sup>	
Temperature		20	°C		g/on	
Method	DIN EI	N ISO 2811	1			
Solubility in water						
Remarks	partiall	y miscible				
Partition coefficient: n-oc	tanol/water					
Remarks	Not ap	plicable				
Ignition temperature						
Value	appr.	200			°C	
Source	Literat	ure value				
Viscosity						
dynamic						
Value		30	to	50	mPa.s	
Temperature		40	°C			
Efflux time						
Value		25 20	to °C	70	S	
Temperature Method	DIN 53	20 3211 4 mm	-			
Explosive properties						
evaluation	no					
Oxidising properties						
evaluation	None I	nown				
	i tono i					
.2. Other information						
Other information						
The physical specifications	s are approxir	nate values	s and ref	er to the	used safety rele	vant component(s).
CTION 40. Stability of	ad reactiv					
ECTION 10: Stability a	na reactiv	<u>/ity</u>				
0.1. Reactivity						
No hazardous reactions w	hen stored an	d handled	accordir	ng to pre	scribed instructio	ns.
0.2. Chemical stability						
Stable under recommende	ed storage and	d handling	conditio	ns (see s	section 7).	
0.3. Possibility of hazardo	us reactio	ns				
Keep away from oxidising exothermic reactions.			and str	ongly aci	id materials in or	der to avoid
0.4. Conditions to avoid When exposed to high terr	nperatures ma	ay produce	hazardo	ous deco	mposition produc	cts.
0.5. Incompatible material						

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rade name: Marabu easy marble 3	50. 15 m	IMNA				$\backslash /$
		Version: 1/	GB	Da	ate revised:	Marab
Substance number: 13059039350		Replaces Ver				ate: 03.12.21
ECTION 11: Toxicologic	al info	ormation				
11.1. Information on toxicolo						
Acute oral toxicity	<b>J</b>					
ATE	>	2.000	m	q/kq		
Method	calcula	ted value (Regu	lation (EC) No. 12	272/2008)		
Acute oral toxicity (Compo	onents)					
1-Methoxy-2-propanol						
Species	rat					
LD50		5200	m	g/kg		
2-Butoxyethyl acetate						
Species LD50	rat	1880	~	alka		
Method	OECD			g/kg		
Acute dermal toxicity	0202					
ATE	>	2.000	m	g/kg		
Method	-		lation (EC) No. 12			
Acute dermal toxicity (Con		· •	( )	,		
1-Methoxy-2-propanol		,				
Species	rabbit					
LD50		14000	m	g/kg		
2-Butoxyethyl acetate						
Species	rabbit					
LD50		1480	m	g/kg		
Acute inhalational toxicity						
ATE	>	20	m	g/l		
Administration/Form Method	Vapors		lation (EC) No. 12	72/2008)		
ATE	>	5	. ,	g/l		
Administration/Form	Dust/I/	list		0		
Method			lation (EC) No. 12			
Remarks			a, the classificatio	n criteria are	not met.	
Acute inhalative toxicity (C	compon	ents)				
2-Butoxyethyl acetate						
Species LD0	rat	2,66	m	g/l		
Duration of exposure		2,00 4 h		g/i		
Administration/Form	Vapors					
Method	OECD	403				
Skin corrosion/irritation	- ·			., .		
Remarks			a, the classificatio	n criteria are	not met.	
Skin corrosion/irritation (C	-	ents)				
2-Methoxy-1-methylethyl ac						
Species	rabbit	itant				
evaluation	non-irri	itailt				
Serious eye damage/irritat		on oveilable det	o the close first in	n oritoric	not mot	
	Based	on available data	a, the classificatio	n criteria are	not met.	
Sensitization						

MSDS for #63412 - MARABU EAS					Page 🚝 📶
Safety data sheet in accordance	with regula	tion (EC)	<del>No 1907/</del> 2	2006	
Trade name: Marabu easy marble	e 350, 15 ml		4 / 00		Marabu
0 1 / / / / / / / / / / / / / / / / / /	-	Version:			Date revised: 15.01.2021 Print date: 03.12.21
Substance number: 1305903935	0	Replaces	Version:	- / GB	Finit date. 03.12.21
Mutagenicity					
Remarks	Based o	n available	data, the	classification	criteria are not met.
Reproductive toxicity					
Remarks	Based o	n available	data, the	classification	criteria are not met.
Carcinogenicity					
Remarks	Based o	n available	data, the	classification	criteria are not met.
Specific Target Organ To	oxicity (STO	OT)			
Single exposure					
Remarks	The clas	sification c	riteria are	met.	
evaluation	May cau	ise drowsir	ess or diz	zziness.	
Repeated exposure	<b>-</b> ·				
Remarks	Based o	n available	data, the	classification	criteria are not met.
Aspiration hazard		tioniti		mat	
Based on available data, t	ne classifica	uon criteria	a are not r	net.	
Experience in practice	alvanta vana		tration in	overe of the	
					stated occupational exposure d respiratory system irritation
					oms and signs include headache,
dizziness, fatigue, muscul	ar weakness	, drowsine	ss and in	extreme case	s, loss of consciousness.
					e skin. Repeated or prolonged
					resulting in non-allergic contact res may cause irritation and
					g. This takes into account, where
					onents from short-term and
long-term exposure by ora	ai, innalation	and derma	al routes c	of exposure an	id eye contact.
Other information There are no data availab	lo on the mix	turo itoolf			
The mixture has been ass			ditivitv me	thod of the Cl	P Regulation (EC) No
1272/2008 and classified					
SECTION 12: Ecologica	<u>l informa</u>	ation			
12.1. Toxicity					
General information					
					ains or water courses.The
mixture has been assesse and is not classified as da				od of the CLP	Regulation (EC) No 1272/2008
Fish toxicity (Componen	0		intent.		
	13)				
1-Methoxy-2-propanol Species	golden o	orfe (Leucis	cus idus)		
LCO		4600		mg	/I
Duration of exposure		96	h	C	
Daphnia toxicity (Compo	onents)				
1-Methoxy-2-propanol					
Species	Daphnia				<i>.</i>
EC50 Duration of exposure		23300 48	h	mg	/I
Algae toxicity (Compone		-0			
1-Methoxy-2-propanol Species	Desmod	esmus			
000000	Desiriou	001103			

rado pamo: Marabu oacy marble	050 (-				
rade name: Marabu easy marble	e 350, 15 m		1 / 0 5		Marabu
Substance number: 1305903935	C		: 1 / GB s Version:	- / GB	Date revised: 15.01.2021 Print date: 03.12.21
EC50 Duration of exposure	>	1000 168	h	mg/l	
Bacteria toxicity (Compo	nents)				
1-Methoxy-2-propanol					
Species EC50	activat >	ed sludge 1000		mg/l	
12.2. Persistence and degr	adability	/			
General information No data available					
Biodegradability (Compo	onents)				
1-Methoxy-2-propanol	-				
Value		90		%	
Duration of test evaluation Method		28 y biodegrad 301 F	d lable (accor	ding to OECD crit	teria)
12.3. Bioaccumulative pote	ential				
General information					
There are no data availab	le on the m	nixture itself			
Partition coefficient: n-o	ctanol/wa	ater			
Remarks	No	t applicable			
12.4. Mobility in soil General information There are no data availab	le on the n	nixture itself			
12.5. Results of PBT and v	PvB ass	essment			
<b>General information</b> There are no data availab	le on the n	nixture itself			
12.6. Other adverse effects					
General information	le on the m	nixture itself	-		
General information There are no data availab					
	onside	erations			
There are no data availab		erations			
There are no data availab ECTION 13: Disposal of 13.1. Waste treatment meth	nods				
There are no data availab	nods ons for th	e product			
There are no data availab ECTION 13: Disposal of 13.1. Waste treatment meth Disposal recommendation Do not allow to enter drain Wastes and emptied conta	nods ons for th as or water ainers sho	e product courses. uld be class	ified in acco		
There are no data availab ECTION 13: Disposal of 13.1. Waste treatment meth Disposal recommendation Do not allow to enter drain	nods ons for th as or water ainers sho	e product courses. uld be class ssification o 11* was	ified in acco f this produc ste paint an	ct, when disposed d varnish containi	
There are no data availab ECTION 13: Disposal of 13.1. Waste treatment meth Disposal recommendation Do not allow to enter drain Wastes and emptied conta The European Waste Cata EWC waste code If this product is mixed with appropriate code should b	nods ons for th as or water ainers sho alogue clas 08 01 h other wa e assigned	e product courses. uld be class ssification o 11* was dar stes, the or d.	ified in acco f this produc ste paint an gerous sub iginal waste	ct, when disposed d varnish containi stances	l of as waste is ng organic solvents or other
There are no data availab ECTION 13: Disposal of 13.1. Waste treatment meth Disposal recommendation Do not allow to enter drain Wastes and emptied conta The European Waste Cata EWC waste code If this product is mixed with	nods ons for th as or water ainers sho alogue clas 08 01 h other wa he assigned ntact your l	e product courses. uld be class ssification o 11* was dar stes, the or d. ocal waste	ified in acco f this produc ste paint an gerous sub iginal waste	ct, when disposed d varnish containi stances	l of as waste is ng organic solvents or other

#### MSDS for #63412 - MARABU EASY MARBLE Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu easy marble 350, 15 ml MNA

Version: 1/GB

Replaces Version: - / GB

Date revised: 15.01.2021 Print date: 03.12.21

Substance number: 13059039350

# SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1263	1263	1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	ш	Ш	111
Special provision	640E		
Limited Quantity	51		
Transport category	3		
14.5. Environmental hazards	-	no	-

# Information for all modes of transport

14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### **Other information**

147	Transport in	bulk according	ι to Annex II o	f Marnol and	the IBC Code
14.7.	mansportin	buik according		i waipui anu	

no

# SECTION 15: Regulatory information

15.1. Safety, health or mixture	and env	vironmental regu	ulations/I	egislation sp	ecific	for the subs	tance
Major-accident c	ategorie	s acc. 96/82/EC					
Category	6	Flammable		5.000.000	kg	50.000.000	kg
VOC							
VOC (EU)		73,35	%				
VOC (EU)			733,5	g/l			
Other informatio	n						
The product doe	s not cont	ain substances of ve	ry high con	cern (SVHC).			
Other informatio	n						

Item Numbers: 63412-1019

Page 16(17)

Page at of

MSDS for #63412 - MARABU E <del>Safety data sheet in accorda</del>	ASY MARE	BLE	Page ** ~
rade name: Marabu easy ma	rble 350, 15	5 ml MNA	Marabu
		Version: 1 / GB	Date revised: 15.01.2021
ubstance number: 1305903	9350	Replaces Version: - / GB	Print date: 03.12.21
All components are co	ntained in tl sessmer	ne TSCA inventory or exempted. ne DSL or NDSL inventory. I <b>t</b> fety assessment has not been carried o	out
ECTION 16: Other in Hazard statements lis			
		-	
EUH066		eated exposure may cause skin drynes	ss of clacking.
H226		nmable liquid and vapour. mful if swallowed.	
H302 H304		be fatal if swallowed and enters airwa	NC
H304 H312		mul in contact with skin.	yo.
H315		ses skin irritation.	
H318		ses serious eye damage.	
H332		mful if inhaled.	
H335		cause respiratory irritation.	
H336	May	cause drowsiness or dizziness.	
H360D	May	damage the unborn child.	
CLP categories listed	in Chapte	r 3	
Acute Tox. 4	Acu	te toxicity, Category 4	
Asp. Tox. 1	Asp	iration hazard, Category 1	
Eye Dam. 1		ous eye damage, Category 1	
Flam. Liq. 3		nmable liquid, Category 3	
Repr. 1B		roductive toxicity, Category 1B	
Skin Irrit. 2		irritation, Category 2	
STOT SE 3		cific target organ toxicity - single expos	sure, Category 3
Supplemental informa			
		the previous version of the safety data resent state of knowledge. However, it	
		properties and shall not establish a lea	
		a Sheet is based on the present state of	
5	n haalth sa	fety and environmental aspects of the r	product and should not be
		chnical performance or suitability for pa	
		or purposes other than those shown in	
		en handling instructions.	5
		f the product are outside the supplier's	
		of relevant legislation are complied with	
		safety data sheet does not constitute th	e user's own assessment of
workplace risks, as rec	juirea by ot	ner health and safety legislation.	

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MSDS for #63412 - MARABU	EASY MARE	BLE	Page #0.41
Safety data sheet in accorda	nce with re	gulation (EC) No 1907/2006	
Trade name: Marabu easy ma	arble 365, 15	ml MNA	
		Version: 1 / GB	Date revised: 17.10.2019
Substance number: 1305903	9365	Replaces Version: - / GB	Print date: 19.03.20
SECTION 1. Identified	tion of f	he cubatance/mixture and	l of the
company/undertaking		the substance/mixture and	
	<u>9</u>		
1.1. Product identifier Marabu easy marble 3			
		e substance or mixture and us	ses advised against
Use of the substance/pr	reparation		
Identified Uses			
SU21		uses: Private households (= general pr	ublic = consumers)
PC9a	Coatings a	nd paints, thinners, paint removers	
1.3. Details of the suppl	ier of the	safety data sheet	
Address/Manufacture	er		
Marabu GmbH & Co.	KG		
Asperger Strasse 4 71732 Tamm			
Germany			
Telephone no.	+49-7141/0		
Fax no. Information provided	+49-7141/0	b91-147 ht product safety	
by / telephone	Departmer		
E-mail address of	PRSI@ma	rabu.com	
person responsible for this SDS			
1.4. Emergency telepho	ne numbe	>r	
(+49) (0)621-60-4333		-	
SECTION 2: Hazards	Identific	ation	
2.1. Classification of the	e substan	ce or mixture	
Classification (Regulation)		-	
Classification (Regula	tion (EC) No Flam. Liq. 3		
	STOT SE 3		
2.2. Label elements			
		tion (EC) No 4070/2008	
•	to regula	ation (EC) No 1272/2008	
Hazard pictograms			
< 83 >< !	>		
Signal word			
Warning			
Hazard statements			
H226		e liquid and vapour.	
H336	,	drowsiness or dizziness.	
Precautionary statem	ents		

Page 1(17)

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			<del>lo 1907/</del>			
ade name: Marab	u easy marble 365, 15					Marab
		Version:				Date revised: 17.10.2019
ubstance number:	13059039365	Replaces \	Version	: -/GE	3	Print date: 19.03.20
P101	If medical a	dvice is needed	d, have	product	container or	label at hand.
P102		reach of childre				
P210	Keep away sources. No		surfaces	s, spark	s, open flam	es and other ignition
P271		utdoors or in a v	vell-ven	tilated a	rea.	
P405	Store locke					
P501.9	•	contents / conta		•		
	omponent(s) to be i		-	-		
contains		ns, C9-C11, n-a 1-methylethyl a				, < 2% aromatics; ol
.3. Other hazar	ds					
No special h	azards have to be mer	ntioned.				
ECTION 3. Co	omposition/info	rmation or	n ina	edier	nts	
.2. Mixtures			<u>9</u>	54101		
Chemical cha	ractorization					
		colvente				
	on alkyd resins and or	SOIVENIS				
Hazardous in	-					
1-Methoxy-2-  CAS No.	p <b>ropanol</b> 107-98-2					
EINECS no.						
Registration		7435-35				
Concentratio			< !	50	%	
Classification	n (Regulation (EC) No.	1272/2008)				
	STOT SE 3	ŕ	1336			
	Flam. Liq. 3	; F	1226			
2-Methoxy-1-	methylethyl acetate					
CAS No.	108-65-6					
EINECS no.		704 00				
Registration Concentratio		5791-29 10 <		20	%	
Concentratio	>=	10 <	~ 4	20	/0	
Classification	n (Regulation (EC) No.		1000			
	Flam. Liq. 3 STOT SE 3		-1226 -1336			
	3101 3E 3	Г	1000			
Hydrocarbon CAS No.	s, C9-C11, n-alkanes, 64742-48-9		yclics, <	< 2% are	omatics	
EINECS no.		,				
Registration		3258-33 (LIST N	NUMBE	R 919-8	57-5)	
Concentratio				20	%	
Classification	n (Regulation (EC) No.	1272/2008)				
	Asp. Tox. 1	∕ ⊦	1304			
	Flam. Liq. 3		1226			
	STOT SE 3		1336 EUH066			
2-Butoxyethy	I acetate					
CAS No.	112-07-2					

	-	rble 365, 15 n	Version	: 1/GB		_	Marabu Date revised: 17.10.2019
Substance number:	13059039	9365	Replace	es Versio	n: -/GI	В	Print date: 19.03.20
Registratio Concentrat		01-21194751 >=	12-47 1	<	10	%	
Classificati	on (Regulat	tion (EC) No. 1 Acute Tox. 4 Acute Tox. 4 Acute Tox. 4	272/2008)	H332 H312 H302			
<b>2-Methoxyp</b> CAS No. EINECS no Concentrat	Э.	1589-47-5 216-455-5 >=	0,1	<	0,3	%	
Classificati	on (Regulat	tion (EC) No. 1 Skin Irrit. 2 STOT SE 3 Repr. 1B Flam. Liq. 3 Eye Dam. 1	272/2008)	H315 H335 H360D H226 H318			
to an unco	nscious per						ver give anything by mouth ek medical advice.
to an uncor After inhalat Remove to artificial res After skin co	nscious pers ti <b>on</b> fresh air, ko spiration. <b>ontact</b>	son. If uncons eep patient wa	cious place arm and at r	in recove	ery positi eathing is	ion and see s irregular c	ek medical advice.
to an uncor After inhalat Remove to artificial res After skin co Remove co cleanser. D	nscious pers tion fresh air, ke spiration. ontact ontaminated oo NOT use	son. If uncons eep patient wa	cious place arm and at r sh skin thore	in recove	ery positi eathing is	ion and see s irregular c	ek medical advice.
to an uncor After inhalat Remove to artificial res After skin co Remove co cleanser. D After eye co Remove co minutes an After ingest	nscious pers tion fresh air, ko spiration. ontact ontaminated on NOT use ontact ontact lense d seek imm ion	son. If uncons eep patient wa clothing. Was solvents or th s, irrigate copi nediate medica	cious place arm and at r sh skin thore inners. iously with c al advice.	in recove est. If bre bughly wi	ery positi eathing is ith soap sh water	ion and see s irregular c and water c , holding th	ek medical advice. or stopped, administer or use recognised skin e eyelids apart for at least 10
to an uncor After inhalad Remove to artificial res After skin co Remove co cleanser. D After eye co Remove co minutes an After ingesti If accidenta	nscious pers tion fresh air, ko spiration. ontact ontact ontact ontact lense d seek imm ion ally swallow	son. If uncons eep patient wa clothing. Was solvents or th s, irrigate copi nediate medica	cious place arm and at r sh skin thore inners. iously with c al advice.	in recove est. If bre bughly wi clean, fre lenty of v	ery positi eathing is ith soap sh water vater (on	ion and see s irregular c and water c , holding th ly if the per	ek medical advice. or stopped, administer or use recognised skin
to an uncol After inhalad Remove to artificial res After skin co Cleanser. D After eye co Remove co minutes an After ingesti If accidenta immediate	nscious pers tion fresh air, ko spiration. ontact ontact ontact lense of seek imm ion ally swallow medical atter	son. If uncons eep patient wa clothing. Was solvents or th s, irrigate copi nediate medica ed rinse the m ention. Keep a	cious place arm and at r sh skin thore inners. iously with c al advice. nouth with p at rest. Do N	in recove est. If bre bughly wi clean, fre lenty of v	ery positi eathing is ith soap sh water sh water vater (on ce vomiti	ion and see s irregular c and water c , holding th ly if the per ing.	ek medical advice. or stopped, administer or use recognised skin e eyelids apart for at least 10 rson is conscious) and obtain
to an uncol After inhalad Remove to artificial res After skin co Remove co cleanser. D After eye co Remove co minutes an After ingesti If accidenta immediate 4.2. Most impor Until now n 4.3. Indication of Hints for the	nscious pers tion fresh air, ka spiration. ontact ontaminated on NOT use ontact lense d seek imm ion ally swallow medical atter rtant sym to symptom of any im	son. If uncons eep patient wa clothing. Was solvents or th s, irrigate copi nediate medica ed rinse the me ention. Keep a ptoms and s known so fa mediate me n / treatmen	cious place arm and at r sh skin thoro inners. iously with o al advice. nouth with p it rest. Do N effects, I r. edical att	in recover est. If bree bughly with clean, free lenty of v IOT induce both ac	ery positi eathing is ith soap sh water vater (on ce vomiti <b>cute an</b>	ion and see s irregular c and water c , holding th ly if the per ing. i <b>d delaye</b>	ek medical advice. or stopped, administer or use recognised skin e eyelids apart for at least 10 rson is conscious) and obtain <b>d</b>
to an uncol After inhalad Remove to artificial res After skin co Remove co cleanser. D After eye co Remove co minutes an After ingesti If accidenta immediate 4.2. Most impor Until now n 4.3. Indication of Hints for the	nscious pers tion fresh air, ka spiration. ontact ontaminated on NOT use intact ontact lense d seek imm ion ally swallow medical atta rtant sym to symptom of any im physicial otomatically	son. If uncons eep patient wa clothing. Was solvents or th s, irrigate copi nediate medica ed rinse the me ention. Keep a ptoms and s known so fa mediate me n / treatmen	cious place arm and at r sh skin thoro inners. iously with c al advice. nouth with p it rest. Do N effects, I r. edical att t	in recover est. If bree bughly with clean, free lenty of v IOT induce both ac	ery positi eathing is ith soap sh water vater (on ce vomiti <b>cute an</b>	ion and see s irregular c and water c , holding th ly if the per ing. i <b>d delaye</b>	ek medical advice. or stopped, administer or use recognised skin e eyelids apart for at least 10 rson is conscious) and obtain <b>d</b>

MSDS for #63412 - MARABU EASY MARBLE	
Safety data shoot in accordance with regulation (EC) No 1007	12006
Carety data sheet in accordance with regulation (EC) No 1507	2000

Trade name: Marabu easy marble 365, 15 ml MNA

Version: 1/GB

Substance number: 13059039365

Replaces Version: -/GB

Date revised: 17.10.2019 Print date: 19.03.20

ade

# 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); dense black smoke; Nitrogen oxides (NOx)

# 5.3. Advice for firefighters

## Special protective equipment for fire-fighting

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

# SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

# 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of particulates and spray mist arising from the application of this mixture. Smoking, eating and drinking shall be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses.

### Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

# Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of firesB (Combustible liquid substances)Temperature classT4

### 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Electrical installations/working materials must comply with the local applied technological safety standards. Storage rooms in which filling operations take place must have a conducting floor. Store in accordance with national regulation

ISDS for #63412 - MARABU EASY MA Safety data sheet in accordance with		906	
rade name: Marabu easy marble 365,	15 ml MNA		Ň
ade name. Maraba casy marble coo,	Version: 1/GB		Marabu Date revised: 17.10.2019
Substance number: 13059039365	Replaces Version:	- / GB	Print date: 19.03.20
		, 22	
Hints on storage assembly			
Store away from oxidising agen	its, from strongly alkaline an	d strongly acid	materials.
Further information on storage			
Observe label precautions. Stor sources of heat and direct sunli No smoking. Prevent unauthoris kept upright to prevent leakage	ght. Keep container tightly c sed access. Containers whi	losed. Keep aw	vay from sources of ignition.
7.3. Specific end use(s) Paint			
ECTION 8: Exposure cont	rols/nersonal prote	ection	
-			
3.1. Control parameters Exposure limit values			
2-Methoxy-1-methylethyl aceta	te		
List	EH40		
Туре	WEL		
Value	274 mg/m³	50	ppm(V)
Short term exposure limit Skin resorption / sensibilisation	548 mg/m <sup>3</sup> : Sk; Status: 2011	100	ppm(V)
1-Methoxy-2-propanol			
List	EH40		
Туре	WEL		
Value	375 mg/m <sup>3</sup>	100	ppm(V)
Short term exposure limit Skin resorption / sensibilisation	560 mg/m³ : Sk; Status: 2011	150	ppm(V)
2-Butoxyethyl acetate			
List	EH40		
Туре	WEL		
Value	133	20	ppm(V)
Short term exposure limit	332	50	ppm(V)
Skin resorption / sensibilisation			
Derived No/Minimal Effect Le	•		
Hydrocarbons, C9-C11, n-alkan			
Type of value Reference group	Derived No Effect Level (I Worker	JNEL)	
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	300		mg/kg
Type of value	Derived No Effect Level (I	ONEL)	
Reference group	Consumer		
Duration of exposure	Long term		
Route of exposure	oral		
Mode of action Concentration	Systemic effects 300		mg/kg
		<b></b> .	···· ʊ·· ·· ʊ
Type of value	Derived No Effect Level (I	DNEL)	
Reference group	Consumer		
Duration of exposure Route of exposure	Long term dermal		
Mode of action	Systemic effects		
Mode of action	SVSTEMIC ETTECTS		

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	ARDLE h regulation (EC) No 1907/2006	Page 🕶
rade name: Marabu easy marble 36		Marab
	Version: 1 / GB	Date revised: 17.10.2019
Substance number: 13059039365	Replaces Version: - / GB	Print date: 19.03.20
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	900	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m³
2-Methoxy-1-methylethyl acet	ate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	796	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	275	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	320	mg/kg/d
Concontration		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action Concentration	Systemic effects 33	mg/m³
		-
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative Local effects	
Mode of action Concentration	33	mg/m³
Type of value	Derived No Effect Loval (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	36	mg/kg/d
Concentration	00	ing/kg/u

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	Page <del>~ =</del> ~
rade name: Marabu easy marble 365	5.15 ml MNA	
rade name. Marabu easy marble 500	Version: 1/GB	Marab Marab
		Date revised: 17.10.2019
Substance number: 13059039365	Replaces Version: - / GB	Print date: 19.03.20
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker Lifetime	
Duration of exposure		
Route of exposure Mode of action	inhalative Local effects	
Concentration	550	mg/m³
Concentration	550	mg/m²
1-Methoxy-2-propanol		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	553,5	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	50,6	mg/person/ d
	Derived No Effect Level (DNEL)	
Type of value	Derived No Effect Level (DNEL) Worker	
Reference group		
Duration of exposure Route of exposure	Long term inhalative	
Mode of action	Systemic effects	
Concentration	369	mg/m³
Concentration	309	mg/m²
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	18,1	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	43,9	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	3,3	mg/kg/d
2-Butoxyethyl acetate		
Reference substance	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	

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ISDS for #63412 - MARABU EASY N <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	Page 72 7
ade name: Marabu easy marble 36	5 15 ml MNA	N
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039365	Replaces Version: - / GB	Print date: 19.03.20
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	133	mg/m³
		-
To a sector show	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	333	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	169	mg/kg/d
		0.0
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	120	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	80	mg/m³
		-
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	200	mg/m³
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	102	mg/kg/d
Transform	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	

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/ISDS for #63412 - MARABU EASY M <del>Safety data sheet in accordance wit</del>	h regulation (EC) No 1907/2006	
rade name: Marabu easy marble 365	5.15 ml MNA	
	Version: 1/GB	Date revised: 17.10.2019
Substance number: 13059039365	Replaces Version: - / GB	Print date: 19.03.20
Substance number. 13039039303		
Concentration	72	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	8,6	mg/kg/d
	2-Butoxyethyl acetate	
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Short term	
Route of exposure	oral	
Mode of action		
	Systemic effects	····
Concentration	36	mg/kg/d
Predicted No Effect Concent	tration (PNEC)	
2-Methoxy-1-methylethyl acet	ate	
Reference substance	2-Methoxy-1-methylethyl acetate	
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,635	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	3,29	mg/kg
Type of value	PNEC	
Type	Soil	
Concentration	0,29	malka
		mg/kg
Source	Literature value	
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	100	mg/l
Source	Literature value	
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,329	mg/kg
Source	Literature value	
Type of value	PNEC	
Туре	Saltwater	
Concentration	0,0635	mg/l
1-Methoxy-2-propanol		
Type of value	PNEC	
	Freshwater	
Type Concentration	Freshwater 10	mg/l
	PNEC	-
Type of value	Water	
Type		ma/ka
Concentration	41,6	mg/kg

de name: Marabu easy marble 365	5, 15 ml MNA	
,	Version: 1/GB	Maral Date revised: 17.10.201
bstance number: 13059039365	Replaces Version: - / GB	Print date: 19.03.2
Type of volue	PNEC	
Type of value Type	Sediment	
Concentration	41,6	mg/kg
Concentration	41,0	ilig/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	4,17	mg/kg
	- ,	
Type of value	PNEC	
Туре	Soil	
Concentration	2,47	mg/kg
		0.0
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	100	mg/l
2-Butoxyethyl acetate		
Reference substance	2-Butoxyethyl acetate	
Type of value	PNEC	
Туре	Water	
Concentration	0,304	mg/l
Source	Literature value	
	2-Butoxyethyl acetate	
Type of value	PNEC	
Туре	Aquatic	
Concentration	0,0304	g/l
Source	Literature value	-
	2 Butoxyothyl acotato	
Type of value	2-Butoxyethyl acetate PNEC	
Type of value Type	Sediment	
Concentration	2,03	mg/kg
Source	Literature value	iiig/kg
Course		
	2-Butoxyethyl acetate	
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,203	mg/kg
Source	Literature value	
	2-Butoxyethyl acetate	
Type of value	PNEC	
Type	Soil	
Concentration	0,68	mg/kg
Source	Literature value	

# Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

#### **Respiratory protection**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Full mask, filter A

DS for #63412 - MARABU EASY	MARBLE	Page Th
ety data sheet in accordance w	rith regulation (EC) No 1907/2006	
a name. Manaku asau markis 2		
e name: Marabu easy marble 3	-	Mara Mara
	Version: 1/GB	Date revised: 17.10.201
stance number: 13059039365	Replaces Version: - / GB	B Print date: 19.03.2
Hand protection		
-	rial or combination of materials that wil	Il give unlimited resistance to any
individual or combination of		
For prolonged or repeated h Material thickness	andling nitrile rubber gloves with textil 0,5 mm	le undergloves are required.
Breakthrough time	< 30 min	
	t be greater than the end use time of the	
	ation provided by the glove manufactu	rer on use, storage, maintenance and
replacement must be follow	ed. regularly and if there is any sign of dar	mage to the glove material
	are free from defects and that they are	
		physical/ chemical damage and poor
maintenance.		
Barrier creams may help to once exposure has occurred	protect the exposed areas of the skin,	they should however not be applied
•		
Eye protection	ed to protect against splash of liquids.	
Body protection	ed to protect against splash or liquids.	
<b>7</b> 1		
Cotton or cotton/synthetic of	veralls or coveralls are normally suitab	Die.
TION Q. Physical and	l chamical properties	
CTION 9: Physical and		
. Information on basic ph	ysical and chemical propertie	S
. Information on basic ph Form	ysical and chemical propertie	S
. Information on basic ph Form Colour	ysical and chemical propertie Liquid coloured	S
. Information on basic ph Form Colour Odour	ysical and chemical propertie	S
. Information on basic ph Form Colour Odour Odour threshold	ysical and chemical propertie Liquid coloured solvent-like	s
. Information on basic ph Form Colour Odour Odour threshold Remarks	ysical and chemical propertie Liquid coloured	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value	ysical and chemical propertie Liquid coloured solvent-like No data available	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value Remarks	ysical and chemical propertie Liquid coloured solvent-like	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value Remarks Melting point	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks	ysical and chemical propertie Liquid coloured solvent-like No data available	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined not determined	S
. Information on basic ph Form Colour Odour Odour threshold Remarks pH value Remarks Melting point Remarks Freezing point Remarks Initial boiling point and bo	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined not determined <b>iling range</b>	
<ul> <li>Information on basic physics</li> <li>Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa	
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120	
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30	
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> <li>Evaporation rate (ether = 1 Remarks</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	°C
<ul> <li>Information on basic phere</li> <li>Form         <ul> <li>Colour</li> <li>Odour</li> <li>Odour threshold</li></ul></li></ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP)	°C
<ul> <li>Information on basic phy Form Colour Odour</li> <li>Odour threshold Remarks</li> <li>pH value Remarks</li> <li>Melting point Remarks</li> <li>Freezing point Remarks</li> <li>Initial boiling point and bo Value Pressure Source</li> <li>Flash point Value Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas) Not applicable</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas)</li> <li>Not applicable</li> <li>Upper/lower flammability or</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined	°C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas)</li> <li>Not applicable</li> <li>Upper/lower flammability of Lower explosion limit</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined inot determined	°C °C
<ul> <li>Information on basic phy Form</li> <li>Colour</li> <li>Odour threshold</li> <li>Remarks</li> <li>pH value</li> <li>Remarks</li> <li>Melting point</li> <li>Remarks</li> <li>Freezing point</li> <li>Remarks</li> <li>Initial boiling point and bo</li> <li>Value</li> <li>Pressure</li> <li>Source</li> <li>Flash point</li> <li>Value</li> <li>Method</li> <li>Evaporation rate (ether = 1 Remarks</li> <li>Flammability (solid, gas)</li> <li>Not applicable</li> <li>Upper/lower flammability or</li> </ul>	ysical and chemical propertie Liquid coloured solvent-like No data available Not applicable not determined iling range appr. 120 1.013 hPa Literature value 30 ASTM D 6450 (CCCFP) ): not determined inot determined	°C

ade name: Marabu easy marble		Version:			Da	te revised: 17.10.2019
ubstance number: 1305903936	5	Replaces `	Version:	- / GB		Print date: 19.03.20
Value		8			hPa	
Temperature	calcula	20	°C			
Method Vapour density	Calcula	llea				
Remarks	not det	ermined				
Density	not del	emmed				
Value		1,08			g/cm³	
Temperature		20	°C		g/cm	
Method	DIN EI	N ISO 281'	1			
Solubility in water						
Remarks	partiall	y miscible				
Partition coefficient: n-o	ctanol/water	,				
Remarks	Not ap	plicable				
Ignition temperature						
Value	appr.	200			°C	
Source	Literati	ure value				
Viscosity						
dynamic		00		50		
Value Temperature		30 40	to °C	50	mPa.s	
Efflux time		40	C			
Value		25	to	70	S	
Temperature		20	°C	10	5	
Method	DIN 53	8211 4 mm				
Explosive properties						
evaluation	no					
Oxidising properties						
evaluation	None k	known				
.2. Other information						
Other information						
The physical specification	s are approxin	nate values	s and ref	er to the	used safety relev	vant component(s).
					,,	(-)-
ECTION 10: Stability a	nd reactiv	/ity				
0.1. Reactivity						
No hazardous reactions w	hen stored an	d handled	accordir	na to pre	scribed instruction	ns.
0.2. Chemical stability Stable under recommende	ed storage and	d handling	conditior	ns (see s	section 7).	
0.3. Possibility of hazardo Keep away from oxidising exothermic reactions.			and stro	ongly ac	id materials in orc	ler to avoid
0.4. Conditions to avoid When exposed to high ter	nperatures ma	ay produce	hazardo	ous deco	mposition produc	its.
0.5. Incompatible material						

ISDS for #63412 - MARABU EASY <del>Safety data sheet in accordance v</del>			96	
rade name: Marabu easy marble :	265 15 m			N
rade fiame. Marabu easy marbles	505, 15 11	Version: 1/GB		Marab Date revised: 17.10.2019
				Print date: 19.03.20
Substance number: 13059039365		Replaces Version: -	/ GB	Filli date. 19.03.20
ECTION 11: Toxicologie				
1.1. Information on toxicol Acute oral toxicity (Comp	•	TTECIS		
	ononioj			
1-Methoxy-2-propanol Species	rat			
LD50	rat	5200	mg/kg	
Acute dermal toxicity (Co	mponent	ts)	0.0	
1-Methoxy-2-propanol				
Species	rabbit			
LD50		14000	mg/kg	
Acute inhalational toxicity	,			
Remarks		on available data, the cla	assification criteria	a are not met.
Skin corrosion/irritation				
Remarks	Based	on available data, the cla	assification criteria	a are not met.
Serious eye damage/irrita				
Remarks		on available data, the cla	assification criteria	a are not met.
Sensitization		,		
Remarks	Based	on available data, the cla	assification criteria	are not met
Mutagenicity	Babba			
Remarks	Basad	on available data, the cla	accification critoric	are not mot
	Daseu		assincation chiena	a are not met.
Reproductive toxicity Remarks	Pagad	an available data the al	antication oritoria	are not mot
	Daseu	on available data, the cla	assincation chiena	a are not met.
Carcinogenicity	Deced	an available data the al	antion aritoria	are not mot
Remarks		on available data, the cla	assincation criteria	a are not met.
Specific Target Organ Tox	cicity (5 i	01)		
Single exposure				
Remarks		assification criteria are m		
evaluation	iviay ca	use drowsiness or dizzir	ness.	
<b>Repeated exposure</b> Remarks	Based	on available data, the cla	assification criteria	a are not met.
Aspiration hazard				
Based on available data, th	e classific	ation criteria are not me	t.	
Experience in practice				
Exposure to component sol	vents van	ours concentration in ex	cess of the stated	occupational exposure
limit may result in adverse l				
and adverse effects on kidr				
dizziness, fatigue, muscula				
Solvents may cause some contact with the mixture ma				
dermatitis and absorption the				
reversible damage. Ingestic	on may ca	use nausea, diarrhoea a	ind vomiting. This	takes into account, where
known, delayed and immed				
long-term exposure by oral, Other information	miaialiOl	n and dermanoutes of e	Aposule and eye	
There are no data available	on the m	ixture itself.		
The mixture has been asse	ssed follo	wing the additivity metho		ulation (EC) No
1272/2008 and classified for	r tovicolo	aical hazarda accordinal	V.	

rade name: Marabu easy marble	365, 15 m	I MNA				
		Version:	1 / GB		Date revised	d: 17.10.2019
Substance number: 13059039365		Replace	s Version:	- / GB	Print	date: 19.03.20
ECTION 12: Ecological	inform	<u>nation</u>				
12.1. Toxicity General information						
There are no data available mixture has been assessed and is not classified as dan	d following	the summa	ation metho			
Fish toxicity (Component	s)					
1-Methoxy-2-propanol						
Species LC0	golden	orfe (Leuci 4600	scus idus)	n	ng/l	
Duration of exposure	-	4600 96	h	11	119/1	
Daphnia toxicity (Compor	nents)					
1-Methoxy-2-propanol	,					
Species	Daphn	ia magna				
EC50		23300	h.	n	ng/l	
Duration of exposure	<b>1</b> (1)	48	h			
Algae toxicity (Componer	its)					
1-Methoxy-2-propanol Species	Docmo	odesmus				
EC50	> Desind	1000		n	ng/l	
Duration of exposure		168	h		0	
Bacteria toxicity (Compor	nents)					
1-Methoxy-2-propanol						
Species EC50		ed sludge 1000		-	~~~/l	
	>			I.	ng/l	
12.2. Persistence and degra	dability	,				
General information						
No data available						
Biodegradability (Compo	nents)					
1-Methoxy-2-propanol Value		90		0	6	
Duration of test		90 28	d	7	<i>'</i> U	
evaluation			able (accoi	ding to OE	ECD criteria)	
Method	OECD	301 F				
12.3. Bioaccumulative pote	ntial					
General information						
There are no data available	e on the m	nixture itself.				
Partition coefficient: n-oc	tanol/wa	iter				
Remarks	Not	applicable				
12.4. Mobility in soil						
General information						
There are no data available	e on the m	nixture itself.				
12.5. Results of PBT and vP	vB ass	essment				
General information						

#### MSDS for #63412 - MARABU EASY MARBLE -Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu easy marble 365, 15 ml MNA

Version: 1/GB

Substance number: 13059039365

Replaces Version: - / GB

Date revised: 17.10.2019 Print date: 19.03.20

#### 12.6. Other adverse effects

### **General information**

There are no data available on the mixture itself.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

#### **Disposal recommendations for the product**

Do not allow to enter drains or water courses.

Wastes and emptied containers should be classified in accordance with relevant national regulation. The European Waste Catalogue classification of this product, when disposed of as waste is

EWC waste code08 01 11\*waste paint and varnish containing organic solvents or other<br/>dangerous substances

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

#### Disposal recommendations for packaging

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Not emptied containers are hazardous waste (waste code number 150110).

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1263	1263	1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	Ш	Ш	ш
Special provision	640E		
Limited Quantity	51		
Transport category	3		
14.5. Environmental hazards		no	
	-		-

### Information for all modes of transport

Item Numbers: 63412-1019

Page 15(17)

Page 22 m

ISDS for #63412 - M. <del>Safety data sheet in</del>	accordance with	regulation (EC	<del>C) No 1907/2</del>	2006			<del>≥age •≁ ∩</del>
rade name: Marabu	easy marble 365,	, 15 ml MNA					Marabu
		Versio	n: 1/GB		[	Date revised: 1	7.10.2019
Substance number:	13059039365	Replac	es Version:	- / GB		Print date	: 19.03.20
Transport wit Always transp	ecautions for use hin the user's prer port in closed cont persons transportir	nises: tainers that are			of an a	ccident or spilla	ge.
Dther information 14.7. Transport no	n in bulk accordin	g to Annex II o	f Marpol an	id the IBC Code	e		
ECTION 15: R	egulatory in	formation					
5.1. Safety, heal or mixture	th and enviro	nmental reg	ulations/le	egislation sp	oecific	for the subs	tance
Maior-acciden	t categories ac	c. 96/82/FC					
-	-	lammable		5.000.000	ka	50.000.000	ka
Category	0 F	annable		5.000.000	kg	50.000.000	kg
VOC							
VOC (EU) VOC (EU)		73,35	% 792,2	g/l			
Other informa	tion		,	3.			
The product of	toes not contain s	ubstances of ve	erv high con	cern (SVHC).			
Other informa			ary mgn con				
	t <b>ion</b> nts are contained i	n the TSCA inv	entory or ex	empted.			
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MSDS for #63412 - MA	ARABU EASY MARBLE				Page 🎫 🕂
Safety data sheet in a	accordance with regul	ation (EC) No 1907/2	006		
Trade name: Marabu e	easy marble 365, 15 ml	IMNA			
		Version: 1 / GB		Date revised:	
Substance number: 13	3059039365	Replaces Version:	- / GB	Print date	9: 19.03.20
It provides guid construed as a The product sh to the supplier As the specific for ensuring th The informatio	idance on health, safety any guarantee of techni should not be used for pr r and obtaining written h c conditions of use of th hat the requirements of on contained in this safe ks, as required by other	and environmental as cal performance or su urposes other than the andling instructions. e product are outside relevant legislation are ety data sheet does no	spects of the product litability for particular ose shown in Section the supplier's control e complied with. ot constitute the user'	and should not b applications. 1 without first ref I, the user is respo	e erring onsible