ASDS for #21170 - MARABU A	21170-4910	
viodo iui #ZIII/U = IVIARADU /	ART SPRAY Pag	e
Safety data sheet in accorda	nce with regulation (EC) No 1907/2006	-
Frade name: Marabu Art Spra	y 023, 50 ml MNA	$\backslash \backslash$
	Version: 6 / Date revised: 29.01.	Marab 2020
Substance number: 1209900	5023 Replaces Version: 5 / WORLD Print date: 03.7	11.20
SECTION 1. Identifier	ation of the substance/mixture and of the	
company/undertaking		
1.1. Product identifier Marabu Art Spray 023	s, 50 ml MNA	
1.2. Relevant identified	uses of the substance or mixture and uses advised against	
Use of the substance/pr Spray paint	reparation	
Identified Uses		
SU21 PC9a	Consumer uses: Private households (= general public = consumers) Coatings and paints, thinners, paint removers	
1.3. Details of the suppl	ier of the safety data sheet	
Address/Manufacture	۲ ۲	
Marabu GmbH & Co. I	KG	
Asperger Strasse 4 71732 Tamm		
Germany		
Telephone no.	+49-7141/691-0	
Fax no.	+49-7141/691-147	
Information provided by / telephone	Department product safety	
E-mail address of person responsible	PRSI@marabu.com	
· ·		
for this SDS	no numbor	
for this SDS 1.4. Emergency telepho		
for this SDS 1.4. Emergency telepho (+49) (0)621-60-43333	3	
for this SDS 1.4. Emergency telepho	3	
for this SDS 1.4. Emergency telepho (+49) (0)621-60-43333	³ identification ***	
for this SDS 1.4. Emergency telephon (+49) (0)621-60-43333 SECTION 2: Hazards 2.1. Classification of the	³ identification ***	
for this SDS 1.4. Emergency telephon (+49) (0)621-60-43333 SECTION 2: Hazards 2.1. Classification of the	³ identification *** e substance or mixture	
for this SDS 1.4. Emergency telephon (+49) (0)621-60-43333 SECTION 2: Hazards 2.1. Classification of the This product is not class 2.2. Label elements Labelling according	³ identification *** e substance or mixture	
for this SDS 1.4. Emergency telephol (+49) (0)621-60-43333 SECTION 2: Hazards 2.1. Classification of the This product is not class 2.2. Label elements	 identification *** substance or mixture ssified hazardous in accordance with Regulation (EC) No 1272/2008. to regulation (EC) No 1272/2008 2-Methyl-2H-isothiazol-3-one, A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1), 	
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ade name: Marabu	Art Spray 023, 50 ml N		a (Marab
ubstance number:	12099005023	Version Replace	: 6/ es Versio	n: 5/V	VORLD	Date revised: 29.01.2020 Print date: 03.11.20
Canada a sint h						
Hazardous ing	ased on acrylic resins : iredients ***	and on wate	er.			
Bronopol (INN						
CAS No.	, 52-51-7					
EINECS no.	200-143-0					
Registration r						
Concentration) >=	0,01	<	0,1	%	
Classification	(Regulation (EC) No.	1272/2008)				
	Eye Dam. 1		H318			
	Skin Irrit. 2		H315			
	STOT SE 3		H335			
	Acute Tox. 4 Acute Tox. 4		H302 H312			
	Aquatic Acut	o 1	H400			
	Aquatic Acut		H410			
	·					
Concentratior	n limits (Regulation (EC			10		
	Aquatic Acut Aquatic Chro			: 10 1		
	1		J IVI =	- 1		
Pyrithione zind						
CAS No.	, 13463-41-7					
EINECS no.	236-671-3					
Registration r		196-46				
Concentration) >=	0,01	<	0,025	%	
Classification	(Regulation (EC) No.	1272/2008)				
Classification	Acute Tox. 3		H301			
	Acute Tox. 3		H331			
	Eye Dam. 1		H318			
	Aquatic Acut		H400			
	Aquatic Chro	nic 1	H410			
Concentration	h limits (Regulation (EC) No. 1272	/2008)			
	Aquatic Acut	e 1 H40		: 100		
	Aquatic Chro	nic H41	0 M =	: 10		
	1					
	azol-3(2h)-one					
CAS No. EINECS no.	2634-33-5 220-120-9					
Concentratior			<	0,05	%	
				-,		
Classification	(Regulation (EC) No.					
	Aquatic Acut Skin Sens. 1	e 1	H400 H317			
	Acute Tox. 4		H302			
	Skin Irrit. 2		H315			
	Eye Dam. 1		H318			
	Acute Tox. 2		H330			
	Aquatic Chro	nic 2	H411			
Concentratior	limits (Regulation (EC					
	Skin Sens. 1	H31	7 >=	0,05		

rade name: Marabu Art	Spray 023, 50 ml M	NA Version	. 6/			Maraba
ubstance number: 1209	99005023		es Versior	: 5/W	ORLD	Print date: 03.11.20
CAS No. Concentration	55965-84-9		<	0,001	%	
Classification (Re	gulation (EC) No. 1	272/2008)				
	Acute Tox. 2	ia 1	H330			
	Aquatic Chror Aquatic Acute		H410 H400			
	Skin Sens. 1A		H317			
	Skin Corr. 1C		H314			
	Acute Tox. 2		H310			
	Acute Tox. 3		H301			
Concentration lim	its (Regulation (EC) Skin Corr. 1C	No. 1272 H314	,	e		
	Eye Irrit. 2	H319		,0 ,06 < 0,6	i	
	Skin Irrit. 2	H31		,06 < 0,6		
	Skin Sens. 1	H31		,0015		
	Aquatic Acute Aquatic Chror		-			
	1		5 101 =	100		
2-Methyl-2H-isothi						
CAS No. EINECS no.	2682-20-4 220-239-6					
Concentration	220-239-0		<	0,0015	%	
Classification (Re	gulation (EC) No. 1 Acute Tox. 3 Acute Tox. 2 Skin Corr. 1B Eye Dam. 1 Aquatic Acute Skin Sens. 1A Aquatic Chror Acute Tox. 3	1	H301 H330 H314 H318 H400 H317 H410 H311			
Concentration lim	its (Regulation (EC)	No. 1272	/2008)			
	Skin Sens. 1A	H31	7 >= 0	,0015 10		
ECTION 4: First a	·	1 1110		10		
		-				
1.1. Description of fi After skin contact		5				
	of water and soap.		so solvon	e or thin	oore	
	or water and soap.		se solven	5 01 11111	1615.	
After eye contact Separate eyelids,	wash the eyes thor	oughly wit	h water (1	5 min.).	In case of	irritation consult an oculist.
After ingestion	-	-				
Rinse mouth thore medical treatmen		larger am	ounts are	swallow	ed or in the	e event of symptoms take
I.2. Most important Until now no sym	symptoms and ptoms known so far		both ac	ute and	d delaye	d
1.3. Indication of any	/ immediate me	dical att	ention	and sp	ecial trea	atment needed
	ician / treatment			-		

MSDS for #21170 - MARABU ART S Safety data sheet in accordance w	SPRAY	Page 4 m
Trade name: Marabu Art Spray 023	,	
	Version: 6 /	Marabu Date revised: 29.01.2020
Substance number: 12099005023	Replaces Version: 5 / WORLD	Print date: 03.11.20
SECTION 5: Firefighting	measures	
5.1. Extinguishing media Suitable extinguishing me Carbon dioxide, Foam, San		
5.2. Special hazards arising	from the substance or mixture wing can be released: Carbon monoxide (CO); (Carbon dioxide (CO2); dense
5.3. Advice for firefighters		
Other information		
Collect contaminated fire-fig	ghting water separately, must not be discharged	d into the drains.
SECTION 6: Accidental r	elease measures	
		<u>.</u>
6.1. Personal precautions, p No particular measures req	protective equipment and emergency uired.	procedures
6.2. Environmental precaution No particular measures req		
	or containment and cleaning up ergent - avoid use of solvents.	
	ions handling, see Section 7. Information regarding regarding waste disposal, see Section 13.	personal protective measures,
SECTION 7: Handling an	d storage	
7.1. Precautions for safe ha		
Advice on safe handling	. Smoking, eating and drinking shall be prohibite	ad in application area
Advice on protection agai No special measures requir	nst fire and explosion	
7.2. Conditions for safe stor	age, including any incompatibilities	
Requirements for storage Store in frostfree conditions	rooms and vessels	
7.3. Specific end use(s) Paint		
	ntrolo/norochal protoction	
	ontrols/personal protection	
8.1. Control parameters Derived No/Minimal Effect	Levels (DNEL/DMEL)	
Bronopol (INN)		
Type of value	Derived No Effect Level (DNEL)	
Reference group Duration of exposure	Worker Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	()
Concentration	4,1	mg/m³

rade name: Marabu Art Spray 023, 5		
Tade hame. Marabu Art Spray 023, 5	Version: 6 /	Date revised: 29.01.2020
Substance number: 12099005023	Replaces Version: 5 / WORLD	Print date: 03.11.20
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	12,3	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	Local effects	()
Concentration	4,2	mg/m³
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	4,2	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	2,3	mg/kg/d
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	7	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	13	μg/cm²
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	13	μg/cm²
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	1,2	mg/m³
Type of value	Derived No Effect Level (DNEL)	

Page 5(13)

Frade name: Marabu Art Spray 023, 5				
Tade hame. Marabu Art Spray 023, 3	Version: 6 /	Marab Date revised: 29.01.2020		
Substance number: 12099005023	Replaces Version: 5 / WORLD	Print date: 03.11.20		
Reference group	Consumer			
Duration of exposure	Short term			
Route of exposure	inhalative			
Mode of action	Systemic effects			
Concentration	3,7	mg/m³		
Type of value	Derived No Effect Level (DNEL)			
	Consumer			
Reference group				
Duration of exposure	Long term			
Route of exposure	inhalative			
Mode of action	Local effects	1.2		
Concentration	1,3	mg/m³		
Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure	Short term			
Route of exposure	inhalative			
Mode of action	Local effects			
Concentration	1,3	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	a ()		
Concentration	1,4	mg/kg/d		
Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure	Short term			
Route of exposure	dermal			
Mode of action	Systemic effects			
Concentration	4,2	mg/kg/d		
Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure	Long term			
Route of exposure	dermal			
Mode of action	Local effects			
Concentration	8	µg/cm²		
	-			
Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure	Short term			
Route of exposure	dermal			
Mode of action	Local effects			
Concentration	8	µg/cm²		
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	0,35	mg/kg/d		
Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure	Short term			

Page 6 of 13

	h regulation (EC) No 1907/2006	Ň
rade name: Marabu Art Spray 023, 5		Marab Data marina al 20 01
	Version: 6 /	Date revised: 29.01.2020
ubstance number: 12099005023	Replaces Version: 5 / WORL	D Print date: 03.11.20
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	1,1	mg/kg/d
Predicted No Effect Concent	tration (PNEC)	
Bronopol (INN)		
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,01	mg/l
Type of value	PNEC	
Туре	Saltwater	
Concentration	0,001	mg/l
Type of value	PNEC	
Туре	Water (intermittent release)	
Concentration	0,003	mg/l
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	0,43	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	0,041	mg/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,003	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	0,5	mg/kg
.2. Exposure controls		
Exposure controls		
Provide adequate ventilation.		
ECTION 9: Physical and o	chamical properties	
	sical and chemical properties	
Form	liquid	
Colour	coloured	
Odour	odourless	
Odour threshold		
Remarks	No data available	
pH value		
Value	7 to 9	
Temperature	20 °C	
Method	WTW PH 340	
Melting point		
Remarks	not determined	

Trade name: Marabu Art Spray 023,	50 ml MNA	\					
Substance number: 12099005023		Version: Replaces		5 / WORL	D	Date revised: Print da	29.01.2020 ate: 03.11.20
Remarks		termined					
Initial boiling point and boil					°C		
Value Pressure	appr.	100 1.013	hPa				
Source	Literat	ure value	in a				
Flash point							
Remarks	Not ap	plicable					
Evaporation rate (ether = 1)							
Remarks		termined					
Flammability (solid, gas)							
Not applicable							
Upper/lower flammability or	explosiv	e limits					
Remarks	-	termined					
Vapour pressure	not del	cimilea					
Value	appr	23			hPa		
Temperature	appr.	20	°C		пга		
Method	Value	taken from		ature			
Vapour density							
Remarks	not det	termined					
Density							
Value		1			g/cm³		
Temperature		20	°C		g/ 0111		
Method	DIN EI	N ISO 281	1				
Solubility in water							
Remarks	miscib	le					
Ignition temperature							
Remarks	not det	termined					
Viscosity							
Remarks							
Remarks	not det	termined					
SECTION 10: Stability and	reactiv	<u>/Ity</u>					
10.1. Reactivity None							
10.2. Chemical stability No hazardous reactions know	/n.						
10.3. Possibility of hazardous No hazardous reactions know		ns					
10.4. Conditions to avoid No hazardous reactions know	/n.						
10.5. Incompatible materials None							
10.6. Hazardous decompositi No hazardous decomposition							

ade name: Marabu Art Spray 023,	50 ml N	INA			
		Version:	6 /		Date revised: 29.01.2020
ubstance number: 12099005023		Replaces	Version:	5 / WORLD	Print date: 03.11.20
1.1. Information on toxicolo Acute oral toxicity Remarks	-		data, the	classification crite	ria are not met.
Acute oral toxicity (Compo	nents)				
Pyrithione zinc					
Species LD50		nale/female) 269		mg/kg	
Method	OECD	401			
1,2-Benzisothiazol-3(2h)-one Species	e rat				
LD50	iat	1193		mg/kg	
Acute dermal toxicity				3. 9	
Remarks	Based	on available	data, the	classification crite	eria are not met.
Acute dermal toxicity (Con			,		
1,2-Benzisothiazol-3(2h)-one	-	,			
Species	rat				
LD50		4115		mg/kg	
Acute inhalational toxicity					
Remarks	Based	on available	data, the	classification crite	ria are not met.
Acute inhalative toxicity (C	ompon	ents)			
Pyrithione zinc					
Species LC50	rat	0,84		mg/l	
Administration/Form Method	Dust/M OECD				
Skin corrosion/irritation					
Remarks		on available	data, the	classification crite	eria are not met.
Serious eye damage/irritat					
Remarks	Based	on available	data, the	classification crite	eria are not met.
Sensitization					
Remarks	Based	on available	data, the	classification crite	eria are not met.
Mutagenicity					
Remarks	Based	on available	data, the	classification crite	eria are not met.
Reproductive toxicity					
Remarks	Based	on available	data, the	classification crite	eria are not met.
Carcinogenicity					
Remarks			data, the	classification crite	eria are not met.
Specific Target Organ Toxi	city (S	гот)			
Single exposure Remarks	Based	on available	data, the	classification crite	eria are not met.
Repeated exposure Remarks	Based	on available	data, the	classification crite	eria are not met.
Aspiration hazard Based on available data, the	classific	ation criteria	are not m	iet.	
Experience in practice					
• •					experience shows that no

rado nomo: Marahu Art Carrou a		10					Ň
rade name: Marabu Art Spray 02	23, 50 mi ivir	Version:	6 /			Date revised:	Marabu
Substance number: 1209900502	3		s Version:	5 / WOF	RLD		ate: 03.11.20
Other information							
There are no data availab	le on the mi	xture itself.					
The mixture has been ass					e CLP Reg	gulation (EC) No	
1272/2008 and classified	for toxicolog	ical hazaro	ls accordir	ngly.			
ECTION 12: Ecologica	l informa	ation					
2.1. Toxicity							
General information							
There are no data availab							
mixture has been assesse				od of the	CLP Regul	lation (EC) No 12	272/2008
and is not classified as da	0	the enviro	nment.				
Fish toxicity (Componen	ts)						
Pyrithione zinc	rainhau	trout (One	orbunchur	mykica)			
Species LC50		0,14	orhynchus	5 MyKi55)	mg/l		
Duration of exposure		96	h				
Bronopol (INN)							
Species			orhynchus	s mykiss)			
LC50 Duration of exposure		3 96	h		mg/l		
Method	OECD 2						
Bronopol (INN)							
Species NOEC			orhynchus	s mykiss)			
Duration of exposure		2,61 28	d		mg/l		
Method	OECD 2	203					
A mixture of: 5-Chloro-2-n	nethyl-2h-is	othiazol-3	B-one [EC-	no. 247-	500-7] and	l	
2-Methyl-2H-isothiazol-3-o Species			5] (3:1) / C (orhynchus		(3:1)		
LC50		0,188	omynenue	5 1119(133)	mg/l		
Duration of exposure		96	h		C		
1,2-Benzisothiazol-3(2h)-o							
Species LC50		trout (Ond 2,18	orhynchus	s mykiss)	mg/l		
Duration of exposure		96	h		iiig/i		
Daphnia toxicity (Compo	onents)						
Pyrithione zinc							
Species	•	magna					
EC50 Duration of exposure		0,05 48	h		mg/l		
Bronopol (INN)		-0					
Species	Daphnia	magna					
EC50		1,04			mg/l		
Duration of exposure Method	OECD 2	48 202	h				
Bronopol (INN)							
Species	•	magna					
NOEC Duration of exposure		0,06 21	d		mg/l		
Method	OECD 2		u				
					500-7] and		

Trade name: Marabu Art Spray 023, 50 ml MNA Version: 6 / Substance number: 12099005023 Replaces Vers Species Daphnia magna EC50 0,126 Duration of exposure 48 h 1,2-Benzisothiazol-3(2h)-one Species Daphnia magna EC50 2,94 Duration of exposure 48 h Algae toxicity (Components) Pyrithione zinc Species Selenastrum capricornut IC50 0,067 Duration of exposure 72 h Bronopol (INN) Species Pseudokirchneriella subc EC50 0,068 Duration of exposure 72 h Method 0ECD 201 Bronopol (INN) Species Pseudokirchneriella subc NOEC 0,0025 Duration of exposure 72 h Method 0ECD 201 A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) Species 72 h Method 0ECD 201 A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) Species Pseudokirchneriella subc NOEC 0,01 A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) Species Pseudokirchneriella subc EC50 0,027 Duration of exposure 72 h 1,2-Benzisothiazol-3(2h)-one Species Pseudokirchneriella subc EC50 0,011 Duration of exposure 72 h 1,2-Benzisothiazol-3(2h)-one Species Pseudokirchneriella subc ErC50 0,011 Duration of exposure 72 h	mg/l apitata mg/l apitata mg/l EC-no. 247-500-7] and
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ErC50 0,11 Duration of exposure 72 h 2.2. Persistence and degradability General information	apitata
2.2. Persistence and degradability General information	mg/l
General information	-
General information	
2.3. Bioaccumulative potential	
General information	
There are no data available on the mixture itself.	
2.4. Mobility in soil	
General information	
There are no data available on the mixture itself.	
12.5. Results of PBT and vPvB assessment	
General information	
There are no data available on the mixture itself.	
2.6. Other adverse effects	
General information	
There are no data available on the mixture itself.	

(Page
Version: 6 /	Date revised: 29.01.2020
Replaces Version: 5 / WORLD	Print date: 03.11.20
	Version: 6 /

13.1. Waste treatment methods

Disposal recommendations for the product

Do not allow to enter drains or water courses.

Dispose of waste according to applicable legislation. Dispose of as hazardous waste.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA	
14.1. UN number	The product does not constitute a hazardous substance in land transport	The product does not constitute a hazardous substance in sea transport	The product does not constitute a hazardous substance in air transport	
14.2. UN proper shipping name	-	-	-	
14.3. Transport hazard class(es)	-	-	-	
Subsidiary risk		-	-	
Label				
14.4. Packing group	-	-	-	
Transport category	0			
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

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code no

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Other information

The product does not contain substances of very high concern (SVHC).

Other information

All components are contained in the AICS inventory.

rade name: Marabu Art Spray 023, 50 ml MNA						
	Version:	6 /		Date revised: 29.01.202		
bstance number: 12099005	023 Replace	s Version:	5 / WORLD	Print date: 03.11.2		
	tained in the DSL invento					
	tained in the IECSC inve					
	tained in the ENCS inver					
All components are cor	tained in the TSCA inver	nory of exe	emplea.			
5.2. Chemical safety as	sessment					
For this preparation a c	nemical safety assessme	nt has not	been carried ou	t.		
CTION 16: Other in						
Hazard statements list	-					
H301	Toxic if swallowed					
H302	Harmful if swallow					
H310 H311	Fatal in contact wit Toxic in contact wi					
H312	Harmful in contact					
H312	Causes severe ski		anemeh ava h			
H315	Causes skin irritati		la cyc damage.			
H317	May cause an alle		action.			
H318	Causes serious ey					
H330	Fatal if inhaled.	U				
H331	Toxic if inhaled.					
H335	May cause respira		on.			
H400	Very toxic to aquat					
H410	Very toxic to aquat			cts.		
H411	Toxic to aquatic life	e with long	lasting effects.			
CLP categories listed	n Chapter 3					
Acute Tox. 2	Acute toxicity, Cate					
Acute Tox. 3	Acute toxicity, Cate					
Acute Tox. 4	Acute toxicity, Cate			_		
Aquatic Acute 1	Hazardous to the a					
Aquatic Chronic 1	Hazardous to the a					
Aquatic Chronic 2 Eye Dam. 1	Hazardous to the a	aquatic env	/ironment, chron	lic, Category 2		
Skin Corr. 1B	Serious eye dama Skin corrosion, Ca		лут			
Skin Corr. 1C	Skin corrosion, Ca					
Skin Irrit. 2	Skin irritation, Cate					
Skin Sens. 1	Skin sensitization,		1			
Skin Sens. 1A	Skin sensitization,					
STOT SE 3	Specific target org	an toxicity	 single exposur 	e, Category 3		
Supplemental information	ion					
Relevant changes com	pared with the previous v	ersion of th	ne safety data sh	neet are marked with: ***		
	d on our present state of					
guarantee for any spec	fic product properties and	d shall not	establish a lega	lly valid relationship.		
	Safety Data Sheet is base	ed on the p	present state of k	knowledge and current		
legislation.	health, safety and enviro	nmontal a	anaota of the pro	duct and should not be		
	ntee of technical perform					
, 0	•		<i>,</i> ,	ction 1 without first referring		
	ining written handling ins					
			the supplier's co	ontrol, the user is responsible		
	uirements of relevant leg					
	5			user's own assessment of		
	urad by other health and	safety leai	slation			
workplace risks, as req	lifed by other nealth and	Salety legi	olation			

Page 13 of 13