


02116-1683

<b>INDUSTRIA MAIMERI S.P.A.</b>		Revision nr.13 Dated 28/01/2021 Printed on 19/03/2021 Page n. 1 / 12 Replaced revision:12 (Dated 28/01/2021)	EN
<b>01026 - ARTISTI OIL COLOURS</b>	<b>01026 Super Rapid White</b>		
<b>Safety Data Sheet</b> According to Annex II to REACH - Regulation 2015/830			
<b>SECTION 1. Identification of the substance/mixture and of the company/undertaking</b>			
<b>1.1. Product identifier</b>			
Code:	<b>01026</b>		
Product name	<b>ARTISTI OIL COLOURS</b>	<b>01026 Super Rapid White</b>	
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>			
Intended use	<b>Oil colour.</b>		
<b>1.3. Details of the supplier of the safety data sheet</b>			
Name	<b>INDUSTRIA MAIMERI S.P.A.</b>		
Full address	<b>Via Gianni Maimeri, 1</b>		
District and Country	<b>20076 Mediglia</b>	<b>(MI)</b>	
	<b>Italia</b>		
	<b>Tel. +39 02 906981</b>		
	<b>Fax +39 02 90698999</b>		
e-mail address of the competent person responsible for the Safety Data Sheet	<b>schedesicurezza@maineri.it</b>		
Product distribution by:	<b>INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY</b>		
<b>1.4. Emergency telephone number</b>			
For urgent inquiries refer to	<b>Australia : 131126</b>		
	<b>USA: 1 800 222 1222</b>		
	<b>Regno Unito NHS Direct (UK): +44 (0) 845 46 47</b>		
<b>SECTION 2. Hazards identification</b>			
<b>2.1. Classification of the substance or mixture</b>			
The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830.			
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.			
Hazard classification and indication:			
Flammable liquid, category 3	H226	Flammable liquid and vapour.	
Specific target organ toxicity - repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.	
Hazardous to the aquatic environment, acute toxicity, category 1	H400	Very toxic to aquatic life.	
Hazardous to the aquatic environment, chronic toxicity, category 1	H410	Very toxic to aquatic life with long lasting effects.	
<b>2.2. Label elements</b>			
Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.			
Hazard pictograms:			
			
Signal words:	Warning		

EPY 10.42 - SDS 1004.13

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<b>01026 - ARTISTI OIL COLOURS</b>		<b>01026 Super Rapid White</b>	
<b>SECTION 2. Hazards identification ... / &gt;&gt;</b>			
<p>Hazard statements:</p> <p><b>H226</b> Flammable liquid and vapour.  <b>H373</b> May cause damage to organs through prolonged or repeated exposure.  <b>H410</b> Very toxic to aquatic life with long lasting effects.  <b>EUH211</b> Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.</p> <p>Precautionary statements:</p> <p><b>P501</b> Dispose of contents / container to in accordance with local and national norms. . .  <b>P102</b> Keep out of reach of children.  <b>P210</b> Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  <b>P280</b> Wear protective gloves/ protective clothing / eye protection / face protection.  <b>P101</b> If medical advice is needed, have product container or label at hand.  <b>P370+P378</b> In case of fire: Use CO2, powder for extinction.</p> <p><b>Contains:</b> TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]  Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</p>			
<b>2.3. Other hazards</b>			
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.			
<b>SECTION 3. Composition/information on ingredients</b>			
<b>3.2. Mixtures</b>			
Contains:			
Identification	<b>x = Conc. %</b>	<b>Classification 1272/2008 (CLP)</b>	
<b>ZINC OXIDE</b>			
CAS	1314-13-2	35 ≤ x < 37,5	<b>Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>
EC	215-222-5		
INDEX	030-013-00-7		
Reg. no.	01-2119463881-32-0000		
<b>TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]</b>			
CAS	13463-67-7	35 ≤ x < 37,5	<b>Carc. 2 H351,</b> <b>Classification note/notes according to Annex VI to the CLP Regulation: 10, V, W</b>
EC	236-675-5		
INDEX	022-006-00-2		
<b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>			
CAS	64742-82-1	5 ≤ x < 6	<b>Flam. Liq. 3 H226, STOT RE 1 H372, Asp. Tox. 1 H304, STOT SE 3 H336,</b> <b>Aquatic Chronic 2 H411,</b> <b>Classification note/notes according to Annex VI to the CLP Regulation: P</b>
EC	919-446-0		
INDEX			
Reg. no.	01-2119458049-33		
<b>DIETHYLENE GLYCOL MONOBUTYL ETHER</b>			
CAS	112-34-5	0 ≤ x < 0,05	<b>Eye Irrit. 2 H319</b>
EC	203-961-6		
INDEX	603-096-00-8		
Reg. no.	01-2119475104-44-0000		
The full wording of hazard (H) phrases is given in section 16 of the sheet.			
<b>SECTION 4. First aid measures</b>			
<b>4.1. Description of first aid measures</b>			
<p><b>EYES:</b> Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.</p> <p><b>SKIN:</b> Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.</p> <p><b>INHALATION:</b> Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.</p> <p><b>INGESTION:</b> Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.</p>			

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<b>SECTION 4. First aid measures</b> ... / >>			
<b>4.2. Most important symptoms and effects, both acute and delayed</b>			
Specific information on symptoms and effects caused by the product are unknown.			
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>			
Information not available			
<b>SECTION 5. Firefighting measures</b>			
<b>5.1. Extinguishing media</b>			
SUITABLE EXTINGUISHING EQUIPMENT Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.			
UNSUITABLE EXTINGUISHING EQUIPMENT Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.			
<b>5.2. Special hazards arising from the substance or mixture</b>			
HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.			
<b>5.3. Advice for firefighters</b>			
GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.			
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).			
<b>SECTION 6. Accidental release measures</b>			
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>			
Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.			
Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.			
<b>6.2. Environmental precautions</b>			
The product must not penetrate into the sewer system or come into contact with surface water or ground water.			
<b>6.3. Methods and material for containment and cleaning up</b>			
Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.			
<b>6.4. Reference to other sections</b>			
Any information on personal protection and disposal is given in sections 8 and 13.			
<b>SECTION 7. Handling and storage</b>			
<b>7.1. Precautions for safe handling</b>			
Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in			

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<b>SECTION 7. Handling and storage ... / &gt;&gt;</b>						
which people eat. Avoid leakage of the product into the environment.						
<b>7.2. Conditions for safe storage, including any incompatibilities</b>						
Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.						
<b>7.3. Specific end use(s)</b>						
Information not available						
<b>SECTION 8. Exposure controls/personal protection</b>						
<b>8.1. Control parameters</b>						
Regulatory References:						
DEU	Deutschland	TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte				
DNK	Danmark	Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019				
ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)				
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS				
GRC	Ελλάδα	ΕΦΗΜΕΡΙΔΑ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 152 - 21 Αυγούστου 2018				
NOR	Norge	Fastsatt av Arbeids- og sosialdepartementet 21. august 2018 med hjemmel i lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid, stillingsvern mv. (arbeidsmiljøloven) § 1-3, § 1-4 og § 4-5				
POL	Polska	ROZPORZĄDZENIE MINISTRA RODZINY, PRACY I POLITYKI SPOŁECZNEJ z dnia 12 czerwca 2018 r				
ROU	România	HOTĂRÂRE nr. 584 din 2 august 2018 pentru modificarea Hotărârii Guvernului nr. 1.218/2006 privind stabilirea cerințelor minime de securitate și sănătate în muncă pentru asigurarea protecției lucrătorilor împotriva riscurilor legate de prezența agenților chimici				
SWE	Sverige	Hygieniska gränsvärden, AFS 2018:1				
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)				
EU	OEL EU	Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.				
	TLV-ACGIH	ACGIH 2020				
<b>ZINC OXIDE</b>						
<b>Threshold Limit Value</b>						
Type	Country	TWA/8h mg/m3	STEL/15min mg/m3			
		ppm	ppm			
TLV-ACGIH		5	15			
<b>Predicted no-effect concentration - PNEC</b>						
Normal value in fresh water		20,6	µg/l			
Normal value in marine water		6,1	µg/l			
Normal value for fresh water sediment		117,8	mg/kg/d			
Normal value for marine water sediment		56,5	mg/kg/d			
Normal value of STP microorganisms		100	µg/l			
Normal value for the terrestrial compartment		35,6	mg/kg/d			
<b>Health - Derived no-effect level - DNEL / DMEL</b>						
Route of exposure	Effects on consumers		Effects on workers			
	Acute	Acute	Chronic	Chronic	Acute	Chronic
	local	systemic	local	systemic	local	systemic
Oral				830		
				µg/kg bw/d		
Inhalation				2,5	500	5
				mg/m3	µg/m3	mg/m3
Skin				83		83
				mg/kg bw/d		mg/kg bw/d






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<b>SECTION 8. Exposure controls/personal protection ... / &gt;&gt;</b>										
<b>TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]</b>										
Threshold Limit Value		Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm	Remarks / Observations			
TLV	DNK		6				Som Ti			
VLA	ESP		10							
VLEP	FRA		10							
TLV	GRC			10						
TLV	NOR		5							
NDS/NDSch	POL		10				INHAL			
TLV	ROU		10		15					
NGV/KGV	SWE		5				Totaldamm			
WEL	GBR		10				INHAL			
WEL	GBR		4				RESP			
TLV-ACGIH			10							
<b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>										
<b>Health - Derived no-effect level - DNEL / DMEL</b>										
Route of exposure	Effects on consumers				Effects on workers					
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic		
Oral	26			21 mg/kg bw/d						
Inhalation	71	570 mg/m3		71 mg/m3	330	570 mg/m3		330 mg/m3		
Skin	26			12 mg/kg bw/d	44			21 mg/kg bw/d		
<b>DIETHYLENE GLYCOL MONOBUTYL ETHER</b>										
Threshold Limit Value		Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm	Remarks / Observations			
MAK	DEU		100		100					
TLV	DNK		100							
VLA	ESP		100							
NGV/KGV	SWE			15		30				
OEL	EU		67,5	10	101,2	15				
<b>Predicted no-effect concentration - PNEC</b>										
Normal value in fresh water						1,1	mg/l			
Normal value in marine water						11	µ/l			
Normal value for fresh water sediment						4,4	mg/kg/d			
Normal value for marine water sediment						440	µg/kg/d			
Normal value for water, intermittent release						11	mg/l			
Normal value of STP microorganisms						200	mg/l			
Normal value for the food chain (secondary poisoning)						56	mg/kg			
Normal value for the terrestrial compartment						320	µg/kg/d			
<b>Health - Derived no-effect level - DNEL / DMEL</b>										
Route of exposure	Effects on consumers				Effects on workers					
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic		
Oral				5 mg/kg bw/d						
Inhalation	60,7 mg/m3		40,5 mg/m3	40,5 mg/m3	101,2 mg/m3		67,5 mg/m3	67,5 mg/m3		
Skin				50 mg/kg bw/d				83 mg/kg bw/d		
Legend: (C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction. VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.										
<b>8.2. Exposure controls</b>										
As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is										

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<b>SECTION 8. Exposure controls/personal protection ... / &gt;&gt;</b>			
<p>well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.</p> <p>Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).</p> <p><b>HAND PROTECTION</b> Protect hands with category III work gloves (see standard EN 374). The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.</p> <p><b>SKIN PROTECTION</b> Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing. Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.</p> <p><b>EYE PROTECTION</b> Wear airtight protective goggles (see standard EN 166).</p> <p><b>RESPIRATORY PROTECTION</b> If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited. If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.</p> <p><b>ENVIRONMENTAL EXPOSURE CONTROLS</b> The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards. Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.</p>			
<b>SECTION 9. Physical and chemical properties</b>			
<b>9.1. Information on basic physical and chemical properties</b>			
<b>Properties</b>	<b>Value</b>	<b>Information</b>	
Appearance	paste		
Colour	white		
Odour	OIL		
Odour threshold	Not applicable		
pH	Not applicable		
Melting point / freezing point	Not applicable		
Initial boiling point	Not available		
Boiling range	Not applicable		
Flash point	23 ≤ T ≤ 60	°C	
Evaporation Rate	Not applicable		
Flammability of solids and gases	not applicable		
Lower inflammability limit	Not applicable		
Upper inflammability limit	Not applicable		
Lower explosive limit	Not applicable		
Upper explosive limit	Not applicable		
Vapour pressure	Not applicable		
Vapour density	Not applicable		
Relative density	2,44		
Solubility	INSOLUBLE, DILUTE WITH WHITE SPIRIT		
Partition coefficient: n-octanol/water	Not applicable		
Auto-ignition temperature	Not applicable		
Decomposition temperature	Not applicable		
Viscosity	6.500.000 cps		
Explosive properties	not applicable		
Oxidising properties	not applicable		
<b>9.2. Other information</b>			
VOC (Directive 2010/75/EC) :	5,80 % - 141,60	g/litre	
VOC (volatile carbon) :	5,80 % - 141,60	g/litre	

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<b>SECTION 10. Stability and reactivity</b>			
<b>10.1. Reactivity</b>			
There are no particular risks of reaction with other substances in normal conditions of use.			
<b>10.2. Chemical stability</b>			
The product is stable in normal conditions of use and storage.			
<b>10.3. Possibility of hazardous reactions</b>			
The vapours may also form explosive mixtures with the air.			
<b>10.4. Conditions to avoid</b>			
Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.			
<b>10.5. Incompatible materials</b>			
Information not available			
<b>10.6. Hazardous decomposition products</b>			
In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.			
<b>SECTION 11. Toxicological information</b>			
In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.			
<b>11.1. Information on toxicological effects</b>			
<u>Metabolism, toxicokinetics, mechanism of action and other information</u>			
Information not available			
<u>Information on likely routes of exposure</u>			
Information not available			
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>			
Information not available			
<u>Interactive effects</u>			
Information not available			
<u>ACUTE TOXICITY</u>			
ATE (Inhalation) of the mixture:		Not classified (no significant component)	
ATE (Oral) of the mixture:		Not classified (no significant component)	
ATE (Dermal) of the mixture:		Not classified (no significant component)	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
LD50 (Oral)		> 5000 mg/kg	
LD50 (Dermal)		> 4 mg/Kg	
TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]			
LD50 (Oral)		> 10000 mg/kg Rat	
<u>SKIN CORROSION / IRRITATION</u>			
Does not meet the classification criteria for this hazard class			

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<b>SECTION 11. Toxicological information ... / &gt;&gt;</b>			
<u>SERIOUS EYE DAMAGE / IRRITATION</u>			
Does not meet the classification criteria for this hazard class			
<u>RESPIRATORY OR SKIN SENSITISATION</u>			
Does not meet the classification criteria for this hazard class			
<u>GERM CELL MUTAGENICITY</u>			
Does not meet the classification criteria for this hazard class			
<u>CARCINOGENICITY</u>			
Does not meet the classification criteria for this hazard class			
<p style="text-align: center;">TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]  The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.</p>			
<u>REPRODUCTIVE TOXICITY</u>			
Does not meet the classification criteria for this hazard class			
<u>STOT - SINGLE EXPOSURE</u>			
Does not meet the classification criteria for this hazard class			
<u>STOT - REPEATED EXPOSURE</u>			
May cause damage to organs			
<u>ASPIRATION HAZARD</u>			
Does not meet the classification criteria for this hazard class Viscosity: 6.500.000 cps			
<b>SECTION 12. Ecological information</b>			
This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.			
<b>12.1. Toxicity</b>			
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
LC50 - for Fish < 30 mg/l/96h			
EC50 - for Crustacea < 22 mg/l/48h			
EC50 - for Algae / Aquatic Plants < 10 mg/l/72h			
<b>12.2. Persistence and degradability</b>			
TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]			
Solubility in water < 0,001 mg/l			
Degradability: information not available			
<b>12.3. Bioaccumulative potential</b>			
Information not available			
<b>12.4. Mobility in soil</b>			
Information not available			
<b>12.5. Results of PBT and vPvB assessment</b>			
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.			



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<b>SECTION 12. Ecological information ... / &gt;&gt;</b>			
<b>12.6. Other adverse effects</b>			
Information not available			
<b>SECTION 13. Disposal considerations</b>			
<b>13.1. Waste treatment methods</b>			
Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Waste transportation may be subject to ADR restrictions. <b>CONTAMINATED PACKAGING</b> Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.			
<b>SECTION 14. Transport information</b>			
INFORMATION ON TRANSPORT OUTSIDE EU MEMBER NATIONS: NOT USDOT OR IMO REGULATED.			
<b>14.1. UN number</b>			
ADR / RID, IMDG, IATA: 1263			
<b>14.2. UN proper shipping name</b>			
ADR / RID: PAINT or PAINT RELATED MATERIAL IMDG: PAINT or PAINT RELATED MATERIAL (ZINC OXIDE) IATA: PAINT or PAINT RELATED MATERIAL			
<b>14.3. Transport hazard class(es)</b>			
ADR / RID:	Class: 3	Label: 3	
IMDG:	Class: 3	Label: 3	
IATA:	Class: 3	Label: 3	
<b>14.4. Packing group</b>			
ADR / RID, IMDG, IATA: III			
<b>14.5. Environmental hazards</b>			
ADR / RID:	Environmentally Hazardous		
IMDG:	Marine Pollutant		
IATA:	NO		
For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.			

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<b>14.6. Special precautions for user</b>			
ADR / RID:	HIN - Kemler: 30 Special Provision: -	Limited Quantities: 5 L	Tunnel restriction code: (D/E)
IMDG:	EMS: F-E, S-E	Limited Quantities: 5 L	
IATA:	Cargo: Pass.: Special Instructions:	Maximum quantity: 220 L Maximum quantity: 60 L A3, A72, A192	Packaging instructions: 366 Packaging instructions: 355
<b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b>			
Information not relevant			
<b>SECTION 15. Regulatory information</b>			
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>			
Seveso Category - Directive 2012/18/EC: _____		P5c-E1	
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006			
Product	_____		
Point	3 - 40		
Substances in Candidate List (Art. 59 REACH)			
On the basis of available data, the product does not contain any SVHC in percentage $\geq$ than 0,1%.			
Substances subject to authorisation (Annex XIV REACH)			
None			
Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:			
None			
Substances subject to the Rotterdam Convention:			
None			
Substances subject to the Stockholm Convention:			
None			
Healthcare controls			
Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.			
<b>15.2. Chemical safety assessment</b>			
A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.			
<b>SECTION 16. Other information</b>			
Text of hazard (H) indications mentioned in section 2-3 of the sheet:			
<b>Flam. Liq. 3</b>	Flammable liquid, category 3		
<b>Carc. 2</b>	Carcinogenicity, category 2		
<b>STOT RE 1</b>	Specific target organ toxicity - repeated exposure, category 1		
<b>Asp. Tox. 1</b>	Aspiration hazard, category 1		
<b>STOT RE 2</b>	Specific target organ toxicity - repeated exposure, category 2		
<b>Eye Irrit. 2</b>	Eye irritation, category 2		
<b>STOT SE 3</b>	Specific target organ toxicity - single exposure, category 3		
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1		
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment, chronic toxicity, category 1		
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment, chronic toxicity, category 2		
<b>H226</b>	Flammable liquid and vapour.		
<b>H351</b>	Suspected of causing cancer.		
<b>H372</b>	Causes damage to organs through prolonged or repeated exposure.		
<b>H304</b>	May be fatal if swallowed and enters airways.		
<b>H373</b>	May cause damage to organs through prolonged or repeated exposure.		
<b>H319</b>	Causes serious eye irritation.		
<b>H336</b>	May cause drowsiness or dizziness.		
<b>H400</b>	Very toxic to aquatic life.		

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<b>H410</b> <b>H411</b> <b>EUH211</b>	Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.		
<b>LEGEND:</b> - ADR: European Agreement concerning the carriage of Dangerous goods by Road - CAS NUMBER: Chemical Abstract Service Number - CE50: Effective concentration (required to induce a 50% effect) - CE NUMBER: Identifier in ESIS (European archive of existing substances) - CLP: EC Regulation 1272/2008 - DNEL: Derived No Effect Level - EmS: Emergency Schedule - GHS: Globally Harmonized System of classification and labeling of chemicals - IATA DGR: International Air Transport Association Dangerous Goods Regulation - IC50: Immobilization Concentration 50% - IMDG: International Maritime Code for dangerous goods - IMO: International Maritime Organization - INDEX NUMBER: Identifier in Annex VI of CLP - LC50: Lethal Concentration 50% - LD50: Lethal dose 50% - OEL: Occupational Exposure Level - PBT: Persistent bioaccumulative and toxic as REACH Regulation - PEC: Predicted environmental Concentration - PEL: Predicted exposure level - PNEC: Predicted no effect concentration - REACH: EC Regulation 1907/2006 - RID: Regulation concerning the international transport of dangerous goods by train - TLV: Threshold Limit Value - TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure. - TWA STEL: Short-term exposure limit - TWA: Time-weighted average exposure limit - VOC: Volatile organic Compounds - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation - WGK: Water hazard classes (German).			
<b>GENERAL BIBLIOGRAPHY</b> 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament 4. Regulation (EU) 2015/830 of the European Parliament 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament 12. Regulation (EU) 2016/1179 (IX Atp. CLP) 13. Regulation (EU) 2017/776 (X Atp. CLP) 14. Regulation (EU) 2018/669 (XI Atp. CLP) 15. Regulation (EU) 2018/1480 (XIII Atp. CLP) 16. Regulation (EU) 2019/521 (XII Atp. CLP)			
- The Merck Index. - 10th Edition - Handling Chemical Safety - INRS - Fiche Toxicologique (toxicological sheet) - Patty - Industrial Hygiene and Toxicology - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition - IFA GESTIS website - ECHA website - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy			
<b>Note for users:</b> The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.			

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<p>The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.</p>			
<p><b>CALCULATION METHODS FOR CLASSIFICATION</b> Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9. Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.</p>			
<p>Changes to previous review: The following sections were modified: 02 / 03 / 08 / 11 / 12 / 16.</p>			