


01558-1333

INDUSTRIA MAIMERI S.P.A.		Revision nr.10 Dated 28/01/2021 Printed on 19/03/2021 Page n. 1 / 13 Replaced revision:9 (Dated 28/01/2021)	EN
03019 - CLASSICO OIL COLOURS		03019 White Titaniumzinc	
Safety Data Sheet			
According to Annex II to REACH - Regulation 2015/830			
SECTION 1. Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier			
Code:	03019		
Product name	CLASSICO OIL COLOURS	03019 White Titaniumzinc	
1.2. Relevant identified uses of the substance or mixture and uses advised against			
Intended use	Artistic oil color - Other uses are not recommended unless an assessment is carried out before the start of new use which shows that the risk is controlled.		
1.3. Details of the supplier of the safety data sheet			
Name	INDUSTRIA MAIMERI S.P.A.		
Full address	Via Gianni Maimeri, 1		
District and Country	20076 Mediglia	(MI)	
	Italia		
	Tel. +39 02 906981		
	Fax +39 02 90698999		
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it		
Product distribution by:	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY		
1.4. Emergency telephone number			
For urgent inquiries refer to	Australia : 131126		
	USA: 1 800 222 1222		
	Regno Unito NHS Direct (UK): +44 (0) 845 46 47		
SECTION 2. Hazards identification			
2.1. Classification of the substance or mixture			
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:			
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.	
2.2. Label elements			
Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.			
Hazard pictograms:			
			
Signal words:	Warning		
Hazard statements:	H410		
	Very toxic to aquatic life with long lasting effects.		

EPY 10.42 - SDS 1004.13

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SECTION 2. Hazards identification ... / >>			
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.		
Precautionary statements:			
P501	Dispose of contents / container to in accordance with local and national norms. . .		
P273	Avoid release to the environment.		
P391	Collect spillage.		
Contains:	TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]		
2.3. Other hazards			
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.			
SECTION 3. Composition/information on ingredients			
3.2. Mixtures			
Contains:			
Identification	x = Conc. %	Classification 1272/2008 (CLP)	
ZINC OXIDE			
CAS	1314-13-2	40 ≤ x < 42,5	Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
EC	215-222-5		
INDEX	030-013-00-7		
Reg. no.	01-2119463881-32-0000		
TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]			
CAS	13463-67-7	37,5 ≤ x < 40	Carc. 2 H351, Classification note/notes according to Annex VI to the CLP Regulation: 10, V, W
EC	236-675-5		
INDEX	022-006-00-2		
DIETHYLENE GLYCOL MONOBUTYL ETHER			
CAS	112-34-5	0 ≤ x < 0,05	Eye Irrit. 2 H319
EC	203-961-6		
INDEX	603-096-00-8		
Reg. no.	01-2119475104-44-0000		
XYLENE (MIXTURE OF ISOMERS)			
CAS	1330-20-7	0 ≤ x < 0,05	Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315, Classification note/notes according to Annex VI to the CLP Regulation: C
EC	215-535-7		
INDEX	601-022-00-9		
Reg. no.	01-2119488216-32		
The full wording of hazard (H) phrases is given in section 16 of the sheet.			
SECTION 4. First aid measures			
4.1. Description of first aid measures			
EYES: 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.			
SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.			
INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.			
INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.			
4.2. Most important symptoms and effects, both acute and delayed			
Specific information on symptoms and effects caused by the product are unknown.			
4.3. Indication of any immediate medical attention and special treatment needed			
Information not available			

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SECTION 5. Firefighting measures			
5.1. Extinguishing media			
SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.			
UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.			
5.2. Special hazards arising from the substance or mixture			
HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.			
5.3. Advice for firefighters			
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).			
SECTION 6. Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
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.			
6.2. Environmental precautions			
The product must not penetrate into the sewer system or come into contact with surface water or ground water.			
6.3. Methods and material for containment and cleaning up			
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.			
6.4. Reference to other sections			
Any information on personal protection and disposal is given in sections 8 and 13.			
SECTION 7. Handling and storage			
7.1. Precautions for safe handling			
Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.			
7.2. Conditions for safe storage, including any incompatibilities			
Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.			
7.3. Specific end use(s)			
Information not available			

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SECTION 8. Exposure controls/personal protection										
8.1. Control parameters										
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								
FIN	Suomi	HTP-VÄRDEN 2018. Koncentrationer som befunnits skadliga. SOCIAL- OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 10/2018								
GRC	Ελλάδα	ΕΦΗΜΕΡΙΔΑ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 152 - 21 Αυγούστου 2018								
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81								
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								
NLD	Nederland	Regeling van de Staatssecretaris van Sociale Zaken en Werkgelegenheid van 13 juli 2018, 2018-0000118517 tot wijziging van de Arbeidsomstandighedenregeling in verband met de implementatie van Richtlijn 2017/164 in Bijlage XIII								
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diário da República, 1.ª série - N.º 111 - 11 de junho de 2018								
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								
TUR	Türkiye	12.08.2013 Tarihli, 28733 Sayılı, Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik								
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								
ZINC OXIDE										
Threshold Limit Value										
Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm	Remarks / Observations				
TLV-ACGIH		5		15						
Predicted no-effect concentration - PNEC										
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			
Health - Derived no-effect level - DNEL / DMEL										
Route of exposure	Effects on consumers				Effects on workers					
	Acute	Acute	Chronic	Chronic	Acute	Acute	Chronic	Chronic		
	local	systemic	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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SECTION 8. Exposure controls/personal protection ... / >>								
TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]								
Threshold Limit Value								
Type	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						
DIETHYLENE GLYCOL MONOBUTYL ETHER								
Threshold Limit Value								
Type	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			
Predicted no-effect concentration - PNEC								
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	
Health - Derived no-effect level - DNEL / DMEL								
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




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SECTION 8. Exposure controls/personal protection ... / >>								
XYLENE (MIXTURE OF ISOMERS)								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	440	100	880	200	SKIN		
MAK	DEU	440	100	880	200	SKIN		
TLV	DNK	109	25			SKIN E		
VLA	ESP	221	50	442	100	SKIN		
VLEP	FRA	221	50	442	100	SKIN		
HTP	FIN	220	50	440	100	SKIN		
TLV	GRC	435	100	650	150			
VLEP	ITA	221	50	442	100	SKIN		
TLV	NOR	108	25			SKIN		
TGG	NLD	210		442		SKIN		
VLE	PRT	221	50	442	100	SKIN		
NDS/NDSch	POL	100		200		SKIN		
TLV	ROU	221	50	442	100	SKIN		
NGV/KGV	SWE	221	50	442	100	SKIN		
ESD	TUR	221	50	442	100	SKIN		
WEL	GBR	220	50	441	100	SKIN		
OEL	EU	221	50	442	100	SKIN		
TLV-ACGIH		434	100	651	150			
Predicted no-effect concentration - PNEC								
Normal value in fresh water						327	µg/l	
Normal value in marine water						327	µg/l	
Normal value for fresh water sediment						12,46	mg/kg	
Normal value for marine water sediment						12,46	mg/kg	
Normal value for water, intermittent release						327	µg/l	
Normal value of STP microorganisms						6,58	mg/l	
Normal value for the terrestrial compartment						2,31	mg/kg	
Health - Derived no-effect level - DNEL / DMEL								
Route of exposure	Effects on consumers			Chronic local	Chronic systemic	Effects on workers		
	Acute local	Acute systemic				Acute local	Acute systemic	Chronic local
Oral					1,6 mg/kg/d			
Inhalation	174 mg/m3	174 mg/m3			14,8 mg/m3	289	289 mg/m3	77 mg/m3
Skin					108 mg/kg/d			180 mg/kg/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.								
8.2. Exposure controls								
As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is 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.								
HAND PROTECTION								
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.								
SKIN PROTECTION								
Wear category I 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.								
EYE PROTECTION								
Wear airtight protective goggles (see standard EN 166).								
RESPIRATORY PROTECTION								
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								

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<p>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>ENVIRONMENTAL EXPOSURE CONTROLS</p> <p>The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.</p> <p>Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.</p>			
SECTION 9. Physical and chemical properties			
9.1. Information on basic physical and chemical properties			
Properties	Value	Information	
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	> 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	2,22		
Solubility	INSOLUBLE, DILUTE WITH WHITE SPIRIT		
Partition coefficient: n-octanol/water	Not applicable		
Auto-ignition temperature	Not applicable		
Decomposition temperature	Not applicable		
Viscosity	>20,5 mm ² /sec (40°C)		
Explosive properties	not applicable		
Oxidising properties	not applicable		
9.2. Other information			
VOC (Directive 2010/75/EC) :	0,19 % - 4,14	g/litre	
VOC (volatile carbon) :	0,19 % - 4,14	g/litre	
SECTION 10. Stability and reactivity			
10.1. Reactivity			
There are no particular risks of reaction with other substances in normal conditions of use.			
10.2. Chemical stability			
The product is stable in normal conditions of use and storage.			
10.3. Possibility of hazardous reactions			
No hazardous reactions are foreseeable in normal conditions of use and storage.			
XYLENE (MIXTURE OF ISOMERS)			
Stable in normal conditions of use and storage. Reacts violently with: strong oxidants, strong acids, nitric acid, perchlorates. May form explosive mixtures with: air.			
10.4. Conditions to avoid			
None in particular. However the usual precautions used for chemical products should be respected.			
10.5. Incompatible materials			
Information not available			

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SECTION 10. Stability and reactivity ... / >>			
10.6. Hazardous decomposition products			
Information not available			
SECTION 11. Toxicological information			
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.			
11.1. Information on toxicological effects			
<u>Metabolism, toxicokinetics, mechanism of action and other information</u>			
Information not available			
<u>Information on likely routes of exposure</u>			
XYLENE (MIXTURE OF ISOMERS) WORKERS: inhalation; contact with the skin. POPULATION: ingestion of contaminated food or water; inhalation of ambient air.			
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>			
XYLENE (MIXTURE OF ISOMERS) Toxic effect on the central nervous system (encephalopathy); irritating for the skin, conjunctiva, cornea and respiratory apparatus.			
<u>Interactive effects</u>			
XYLENE (MIXTURE OF ISOMERS) Intake of alcohol interferes with the metabolism of the substance, inhibiting it. Ethanol consumption (0.8 g/kg) before a 4-hour exposure to xylene vapours (145 and 280 ppm) causes a 50% reduction in the excretion of methyl hippuric acid, whereas the concentration of xylenes in the blood increases approx. 1.5-2 times. At the same time there is an increase in the secondary side effects of the ethanol. The metabolism of the xylenes is increased by phenobarbital and 3-methyl-colantrene type enzyme inducers. Aspirin and xylenes mutually inhibit their conjugation with the glycine, which results in a decrease in urinary excretion of methyl hippuric acid. Other industrial products can interfere with the metabolism of xylenes.			
<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)	
XYLENE (MIXTURE OF ISOMERS)			
LD50 (Oral)		3523 mg/kg Rat	
LD50 (Dermal)		4350 mg/kg Rabbit	
LC50 (Inhalation)		26 mg/l/4h Rat	
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			
<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			

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SECTION 11. Toxicological information ... / >>															
<u>CARCINOGENICITY</u>															
Does not meet the classification criteria for this hazard class															
<p>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> <p>XYLENE (MIXTURE OF ISOMERS) Classified in Group 3 (not classifiable as a human carcinogen) by the International Agency for Research on Cancer (IARC). The US Environmental Protection Agency (EPA) affirms that "the data is inadequate for an assessment of the carcinogenic potential".</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>															
Does not meet the classification criteria for this hazard class															
<u>ASPIRATION HAZARD</u>															
Does not meet the classification criteria for this hazard class Viscosity: >20,5 mm2/sec (40°C)															
SECTION 12. Ecological information															
This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.															
12.1. Toxicity															
Information not available															
12.2. Persistence and degradability															
<table> <tr> <td>XYLENE (MIXTURE OF ISOMERS)</td> <td></td> </tr> <tr> <td>Solubility in water</td> <td>100 - 1000 mg/l</td> </tr> <tr> <td>Degradability: information not available</td> <td></td> </tr> <tr> <td>TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]</td> <td></td> </tr> <tr> <td>Solubility in water</td> <td>< 0,001 mg/l</td> </tr> <tr> <td>Degradability: information not available</td> <td></td> </tr> </table>				XYLENE (MIXTURE OF ISOMERS)		Solubility in water	100 - 1000 mg/l	Degradability: information not available		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	
XYLENE (MIXTURE OF ISOMERS)															
Solubility in water	100 - 1000 mg/l														
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Solubility in water	< 0,001 mg/l														
Degradability: information not available															
12.3. Bioaccumulative potential															
<table> <tr> <td>XYLENE (MIXTURE OF ISOMERS)</td> <td></td> </tr> <tr> <td>Partition coefficient: n-octanol/water</td> <td>3,12</td> </tr> <tr> <td>BCF</td> <td>25,9</td> </tr> </table>				XYLENE (MIXTURE OF ISOMERS)		Partition coefficient: n-octanol/water	3,12	BCF	25,9						
XYLENE (MIXTURE OF ISOMERS)															
Partition coefficient: n-octanol/water	3,12														
BCF	25,9														
12.4. Mobility in soil															
<table> <tr> <td>XYLENE (MIXTURE OF ISOMERS)</td> <td></td> </tr> <tr> <td>Partition coefficient: soil/water</td> <td>2,73</td> </tr> </table>				XYLENE (MIXTURE OF ISOMERS)		Partition coefficient: soil/water	2,73								
XYLENE (MIXTURE OF ISOMERS)															
Partition coefficient: soil/water	2,73														
12.5. Results of PBT and vPvB assessment															
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.															
12.6. Other adverse effects															

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Information not available			
SECTION 13. Disposal considerations			
13.1. Waste treatment methods			
<p>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. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>			
SECTION 14. Transport information			
INFORMATION ON TRANSPORT OUTSIDE EU MEMBER NATIONS: NOT USDOT OR IMO REGULATED.			
14.1. UN number			
ADR / RID, IMDG, IATA: 3082			
ADR / RID:	In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not submitted to ADR provisions.		
IMDG:	In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not submitted to IMDG Code provisions.		
IATA:	In accordance with SP A197, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not submitted to IATA dangerous goods regulations.		
14.2. UN proper shipping name			
ADR / RID:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC OXIDE)		
IMDG:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC OXIDE)		
IATA:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC OXIDE)		
14.3. Transport hazard class(es)			
ADR / RID:	Class: 9	Label: 9	
IMDG:	Class: 9	Label: 9	
IATA:	Class: 9	Label: 9	
14.4. Packing group			
ADR / RID, IMDG, IATA: III			

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14.5. Environmental hazards			
ADR / RID:	Environmentally Hazardous		
IMDG:	Marine Pollutant		
IATA:	Environmentally Hazardous		
14.6. Special precautions for user			
ADR / RID:	HIN - Kemler: 90 Special Provision: -	Limited Quantities: 5 L	Tunnel restriction code: (-)
IMDG:	EMS: F-A, S-F	Limited Quantities: 5 L	
IATA:	Cargo: Pass.: Special Instructions:	Maximum quantity: 450 L Maximum quantity: 450 L A97, A158, A197	Packaging instructions: 964 Packaging instructions: 964
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code			
Information not relevant			
SECTION 15. Regulatory information			
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture			
Seveso Category - Directive 2012/18/EC:		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			
Information not available			
15.2. Chemical safety assessment			
A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.			
SECTION 16. Other information			
Text of hazard (H) indications mentioned in section 2-3 of the sheet:			
Flam. Liq. 3	Flammable liquid, category 3		
Carc. 2	Carcinogenicity, category 2		
Acute Tox. 4	Acute toxicity, category 4		
Eye Irrit. 2	Eye irritation, category 2		

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Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1 H226 H351 H312 H332 H319 H315 H400 H410 EUH211	Skin irritation, category 2 Hazardous to the aquatic environment, acute toxicity, category 1 Hazardous to the aquatic environment, chronic toxicity, category 1 Flammable liquid and vapour. Suspected of causing cancer. Harmful in contact with skin. Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.		
<p>LEGEND:</p> <ul style="list-style-type: none"> - 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). <p>GENERAL BIBLIOGRAPHY</p> <ol style="list-style-type: none"> 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) <ul style="list-style-type: none"> - 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 			

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<p>- IFA GESTIS website- ECHA website - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy</p> <p>Note for users: 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. 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>CALCULATION METHODS FOR CLASSIFICATION 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 / 04 / 07 / 08 / 11 / 12 / 16.</p>			