	1						
		MAROIL	_ S.R.L.	Revisio	on nr. 16		
				Deted	12/12/2023		
					l on 12/12/2023		
		T&D Syntheti	c OII 75W-90	Page r			
				-	ed revision:15 (Printed on: 10/11/2022)		
Safety Data Sheet According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH							
SECTION 1. Identification	n of the subs	tance/mixture	and of the compar	ny/undertakir	ng		
1.1. Product identifier							
Code:		M 425					
Product name		T&D Synthetic Oil 7	5W-90				
1.2. Relevant identified uses of the Intended use Lubri		xture and uses advi smissions and diffe					
1.3. Details of the supplier of the s	afety data sheet						
Name		MAROIL S.R.L.					
Full address District and Country		LOC. PONTE ALLA 55011 MARGINONE ITALIA					
		Tel. 0583/28731 Fax 0583/286542					
e-mail address of the competent pers							
responsible for the Safety Data Shee	et	msds@bardahl.it					
1.4. Emergency telephone number For urgent inquiries refer to		Centro Antiveleni di Centro Antiveleni di Centro Antiveleni di Centro Antiveleni di Centro Antiveleni di Centro Antiveleni di	ei principali Centri Antive i Pavia 0382 24444 (CAV i Milano 02 66101029 (CA i Bergamo 800 883300 (CA i Firenze 055 7947819 (C/ i Roma 06 3054343 (CAV i Roma 06 49978000 (CAV i Napoli 081 7472870 (CA	IRCCS Fondazion V Ospedale Nigua AV Ospedali Riur AV Ospedale Care Policlinico Geme / Policlinico Umb	e Maugeri - Pavia) arda Ca` Granda - Milano) aiti - Bergamo) aggi - Firenze) Ili - Roma) erto I - Roma)		
SECTION 2. Hazards ider	ntification						
2.1. Classification of the substance	or mixture						
The product is classified as hazardou supplements). The product thus require Any additional information concerning	es a safety datashe	eet that complies with	the provisions of (EU) Re	gulation 2020/878.			
Hazard classification and indication: Hazardous to the aquatic environment category 3	nt, chronic toxicity,	H412	Harmful to aqua	atic life with long la	sting effects.		

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2.2. Label elements					
Hazard labelling pursuant to	EC Regula	ation 1272/2008 (C	LP) and subsequent amendments and supplements.		
Hazard pictograms:					
Signal words:					
Hazard statements:					
H412	Harmful to	o aquatic life with lo	ng lasting effects.		
	propoxyla		orate, Reaction products of 4-methyl-2-pentanol and dipho diphosphorus pentaoxide, and salted by amines, C12-14- tion.		
Precautionary statements: P501	Dispose c	of contents / contain	er in accordance with national regulations.		
P273	273 Avoid release to the environment.				
P101	If medical advice is needed, have product container or label at hand.				
P102	Keep out	of reach of children			
2.3. Other hazards					
On the basis of available dat	a, the proc	luct does not conta	in any PBT or vPvB in percentage ≥ than 0,1%.		
			disrupting properties in concentration $\geq 0.1\%$.		
SECTION 3. Comp					
3.2. Mixtures					
Contains:					
Identification		x = Conc. %	Classification (EC) 1272/2008 (CLP)		
Polysulfides, di-tert-Bu					
INDEX -		4,5 ≤ x < 5	Skin Sens. 1B H317, Aquatic Chronic 3 H412		
EC 273-103-3			Skin Sens. 1B H317: ≥ 46%		
CAS 68937-96-2					
REACH Reg. 01-2119540)515-43				
distillates (petroleum), hydrotreated heavy paraff INDEX -	inic	3,5 ≤ x < 4	Asp. Tox. 1 H304, Classification note according to Ann	ex VI to the CLP	
EC 265-157-1			Regulation: L		
CAS 64742-54-7					

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REACH Reg. 01-2119484627-25			
distillates (petroleum) solvent- dewaxed light paraffinic INDEX -	3≤x< 3,5	Asp. Tox. 1 H304, Classification note according to	Annex VI to the CLP
EC 265-159-2		Regulation: L	
CAS 64742-56-9			
REACH Reg. 01-2119480132-48			
distillates (petroleum), solvent- dewaxed heavy paraffinic			
INDEX -	3 ≤ x < 3,5	Asp. Tox. 1 H304, Classification note according to Regulation: L	Annex VI to the CLP
EC 265-169-7			
CAS 64742-65-0			
REACH Reg. 01-2119471299-27			
Mineral oil			
INDEX	2 ≤ x < 2,5	Asp. Tox. 1 H304	
EC			
CAS -			
REACH Reg. Miscela			
Reaction products of 4-methyl-2- pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl			
INDEX -	2 ≤ x < 2,5	Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Sens. 1 H411	B H317, Aquatic Chronic 2
EC 931-384-6		Skin Sens. 1B H317: ≥ 9,39%, Eye Irrit. 2 H319: ≥	50,01%
CAS -		LD50 Oral: 2000 mg/kg	
REACH Reg. 01-2119493620-38			
Magnesium metaborate			
INDEX -	0,5 ≤ x < 0,6	Skin Sens. 1B H317	
EC 237-235-5		Skin Sens. 1B H317: ≥ 15%	
CAS 13703-82-7			
REACH Reg. 01-2120769073-53			

The full wording of hazard (H) phrases is given in section 16 of the sheet.

Mineral oil

The mineral oil contained can be described by one or more of the following: EC No. 265-157-1, Registration No. 01-2119484627-25, Distillates (petroleum), hydrotreated heavy paraffinic; EC No. 265-169-7, Registration No. 01-2119471299-27, Distillates (petroleum), solvent-dewaxed heavy paraffinic, EC No. 265-158-7, Registration No. 01-2119487077-29, Distillates (petroleum), hydrotreated light paraffinic; EC No. 265-159-2, Registration No. 01-2119480132-48, Distillates (petroleum), solvent-dewaxed light paraffinic.

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. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing

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before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly 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

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.

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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

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

ITA

Decreto Legislativo 9 Aprile 2008, n.81

Polysulfides, di-tert-Bu

Italia

Predicted no-effect concen	tration - PNEC							
Normal value in fresh wate	r			0,24	μg	r/l		
Normal value in marine wa	ter			0,024	μg	µgr/l		
Normal value for fresh wate	er sediment			0,94	mį	mg/kg		
Normal value for marine water sediment				0,094	mį	g/kg		
Normal value of STP microorganisms				4,51	mį	mg/l		
Normal value for the food c	hain (secondary poisor	ning)		6,66	mį	g/kg		
Normal value for the terres	trial compartment			0,0181	m	g/kg		
Health - Derived no-ef	fect level - DNEL / I Effects on consumers	DMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,167 mg/kg		•		
Inhalation				0,58 mg/m3				3,29 mg/m3
Skin				1,67 mg/kg				4,67 mg/kg

Mineral oil

Threshold Limit Value

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Type Cour	ntry T	WA/8h		STEL/15min			narks / ervations	
	n	ng/m3	ppm	mg/m3	ppm	0.00		
VLEP ITA		5						
Predicted no-effect concentration - PNEC	C							
Normal value for the food chain (second	ary poisoning)			9,33	mg/ł	kg		
	DNEL / DME on umers	L			Effects on workers			
		Acute systemic	Chronic local	Chronic systemic 0,74 mg/kg	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			1,19 mg/m3	0,7 4 mg/ng			5,58 mg/m3	2,73 mg/m3
Skin			1,10 mg/mo				0,00 mg/m0	0,97 mg/kg
Magnesium metaborate Predicted no-effect concentration - PNEC	C							
Normal value in fresh water				0,05	mg/l			
Normal value in marine water				0,05	mg/l			
Normal value for fresh water sediment				1,38	mg/ł	kg		
Normal value for marine water sediment				1,38	mg/ł	kg		
Normal value of STP microorganisms				100	mg/l			
Normal value for the food chain (second	ary poisoning)			1,67	mg/ł	kg		
Normal value for the terrestrial compartm	nent			0,247	mg/ł	kg		
	DNEL / DME on oumers	L			Effects on workers			
Route of exposure Acute		Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral Inhalation				0,28 mg/kg 0,82 mg/m3				5,49 mg/m3
Skin				0,82 mg/m3				7,78 mg/kg
Skii				0,270 mg/kg				7,70 mg/kg
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 ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.								
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.

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.

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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 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.

ENVIRONMENTAL EXPOSURE CONTROLS

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.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Appearance	Value liquid	Information
Colour	yellow	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	138 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	96 cSt	
Solubility	insoluble	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	0,878 kg/l	
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

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9.2.1. Information with regard to phys	9.2.1. Information with regard to physical hazard classes							
Information not available								
9.2.2. Other safety characteristics								
Viscosita a 40°C	96,3 cSt							
Viscosità a 100°C	15,8 cSt							
Punto di scorrimento	-42°C							
Consistenza	Non pertinente							
Punto di gocciolamento	Non pertinente							
SECTION 10. Stability and	d reactivity							
10.1. Reactivity								
There are no particular risks of reactior	n with other substances in normal conditions of use.							
10.2. Chemical stability								
The product is stable in normal condition	ons of use and storage.							
10.3. Possibility of hazardous reaction	ons							
No hazardous reactions are foreseeab	le in normal conditions of use and storage.							
10.4. Conditions to avoid								
	precautions used for chemical products should be respected.							
10.5. Incompatible materials								
Information not available 10.6. Hazardous decomposition prod	duete							
Information not available								
SECTION 11. Toxicological information								
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008								
Metabolism, toxicokinetics, mechanism of action and other information								

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Information not available		
Information on likely routes of exposur	<u>e</u>	
Information not available		
Delayed and immediate effects as wel	l as chronic effects from short and long-term exposure	
Information not available		
Interactive effects		
Information not available		
ACUTE TOXICITY		
ATE (Inhalation) of the mixture: ATE (Oral) of the mixture:	Not classified (no significant component) >2000 mg/kg	
ATE (Dermal) of the mixture:	Not classified (no significant component)	
distillates (petroleum), hydrotreated he	eavy paraffinic	
LD50 (Dermal): LD50 (Oral):	> 5000 mg/kg Coniglio - OECD Guideline 402 > 5000 mg/kg Ratto - OECD Guideline 401	
LC50 (Inhalation mists/powders):	> 5 mg/l/4h Rat - OECD Guideline 403	
distillates (petroleum), solvent-dewaxe	ed heavy paraffinic	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation mists/powders):	> 5000 mg/kg Conigilo - OECD Guideline 402 > 5000 mg/kg Ratto - OECD Guideline 401 > 5 mg/l/4h Rat- OECD Guideline 403	
distillates (petroleum) solvent-dewaxe	d light paraffinic	
LD50 (Dermal):	> 5000 mg/kg OECD Guideline 402 - Ratto	
LD50 (Oral): LC50 (Inhalation mists/powders):	> 5000 mg/kg OECD Guideline 401 - Ratto > 5,53 mg/l/4h Rat - OECD Guideline 403	
Reaction products of 4-methyl-2-penta C12-14- tert-alkyl	anol and diphosphorus pentasulfide, propoxylated, esterified with diphosph	norus pentaoxide, and salted by amines,
LD50 (Oral):	2000 mg/kg Equivalente o similare OECD Guide	eline 401 - Ratto
Magnesium metaborate		
LD50 (Dermal):	> 2000 mg/kg ratto - OECD Guideline 420	

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LD50 (Oral):	> 2000 mg/kg ratto - OECD Guideline 420	
SKIN CORROSION / IRRITATION		
Does not meet the classification criteri	ia for this hazard class	
SERIOUS EYE DAMAGE / IRRITATIO	<u>NO</u>	
Does not meet the classification criteri	a for this hazard class	
RESPIRATORY OR SKIN SENSITISA	ATION	
May produce an allergic reaction.		
Contains: Magnesium metaborate		
Reaction products of 4-methyl-2-penta C12-14- tert-alkyl	anol and diphosphorus pentasulfide, propoxylated, esterified with diphospho	rus pentaoxide, and salted by amines,
Polysulfides, di-tert-Bu		
GERM CELL MUTAGENICITY		
Does not meet the classification criteri	ia for this hazard class	
CARCINOGENICITY		
Does not meet the classification criteri	ia for this hazard class	
REPRODUCTIVE TOXICITY		
Does not meet the classification criteri	ia for this hazard class	
STOT - SINGLE EXPOSURE		
Does not meet the classification criteri	ia for this hazard class	
<u>STOT - REPEATED EXPOSURE</u>		

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Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 96 cSt

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment. **12.1. Toxicity**

	Mineral oil	
	LC50 - for Fish	> 100 mg/l/96h Pimephales promelas
	EC50 - for Crustacea	> 10000 mg/l/48h Dafnia
	EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h Alghe verdi (Scenedesmus quadricauda)
	Chronic NOEC for Crustacea	> 10 mg/l/21d Dafnia
	Polysulfides, di-tert-Bu	
	EC50 - for Crustacea	63 mg/l/48h Dafnia
	EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h Alga
	Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated,	
	esterified with diphosphorus pentaoxide, and	
	salted by amines, C12-14- tert-alkyl LC50 - for Fish	24 mg/l/96h Trota arcobaleno
	EC50 - for Crustacea	91,4 mg/l/48h Dafnia
	EC50 - for Algae / Aquatic Plants	6,4 mg/l/96h Selenastrum capricomutum - OECD Guideline 201
	Chronic NOEC for Crustacea	0,12 mg/l/21d Dafnia
	Chronic NOEC for Algae / Aquatic Plants	1,7 mg/l/96h Selenastrum capricomutum - OECD Guideline 201
	Magnesium metaborate	
	Chronic NOEC for Fish	50 mg/l Oncorhynchus mykiss - OECD Guideline 203
	distillates (petroleum), hydrotreated heavy	
	paraffinic EC50 - for Crustacea	> 10000 mg/l/48h Daphnia magna - Equivalente o similare a OECD Guideline
		202
	Chronic NOEC for Crustacea	10 mg/l/21d Daphnia magna - Equivalente o similare a OECD Guideline 211
I		

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distillates (petroleum), solvent-dewax heavy paraffinic EC50 - for Crustacea Chronic NOEC for Crustacea distillates (petroleum) solvent-dewaxe paraffinic EC50 - for Crustacea Chronic NOEC for Crustacea 12.2. Persistence and degradability Mineral oil NOT rapidly degradable OECD TG 301 B, 31 %, 28 d, Non fac Polysulfides, di-tert-Bu NOT rapidly degradable OECD TG 301 B, 13 %, 28 d Reaction products of 4-methyl-2-pent and diphosphorus pentasulfide, propo- esterified with diphosphorus pentaoxic salted by amines, C12-14- tert-alkyl NOT rapidly degradable OECD TG 301 B, 7,4 %, 28 d Magnesium metaborate Degradability: information not availab	ed ed light cilmente degradabile. anol xylated, le, and	 > 10000 mg/l/48h Daphnia magna - Equivale 202 10 mg/l/21d Daphnia magna - Equivalente o > 10000 mg/l/48h Daphnia magna - Equivale 202 10 mg/l/21d Daphnia magna - Equivalente o 	Replaced revision:15 (Printed on: 10/11/2022) Inte o similare a OECD Guideline similare a OECD Guideline 211
distillates (petroleum), hydrotreated h paraffinic Entirely degradable OECD Guideline 301 F distillates (petroleum), solvent-dewax	eavy		
heavy paraffinic Entirely degradable OECD Guideline 301 F distillates (petroleum) solvent-dewaxe paraffinic Entirely degradable OECD Guideline 301 F	ed light		
12.3. Bioaccumulative potential			
Polysulfides, di-tert-Bu			
Partition coefficient: n-octanol/water		6 Log Kow Misurato	
12.4. Mobility in soil Information not available			

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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. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

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. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

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not applicable		
14.5. Environmental hazards		
not applicable		
14.6. Special precautions for user		
not applicable		
14.7. Maritime transport in bulk acco	ording to IMO instruments	
Information not relevant		
SECTION 15. Regulatory information		
15.1. Safety, health and environme	ental regulations/legislation specific for the substance or mixture	
Seveso Category - Directive 2012/18/E	EU: None	
Restrictions relating to the product or c	contained substances pursuant to Annex XVII to EC Regulation 1907/2006	
Product	2	
Point	3	
Regulation (EU) 2019/1148 - on the m	arketing and use of explosives precursors	
not applicable		
Substances in Candidate List (Art. 59		
On the basis of available data, the pro-	duct does not contain any SVHC in percentage \geq than 0,1%.	
ubstances subject to authorisation (Annex XIV REACH)		
None		
Substances subject to exportation rend	orting pursuant to Regulation (FLI) 649/2012	
Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:		
None		
Substances subject to the Rotterdam (Convention:	

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None		
Substances subject to the	e Stockholm Convention:	
None		
Healthcare controls		
Information not available		
15.2 Chamical actatu	and a second	
15.2. Chemical safety	assessment	
A chemical safety assess	ment has not been performed for the preparation/for the substances indicated in section	3.
SECTION 16. Ot	her information	
Text of hazard (H) indicat	ions mentioned in section 2-3 of the sheet:	
Acute Tox. 4	Acute toxicity, category 4	
Asp. Tox. 1	Aspiration hazard, category 1	
Eye Irrit. 2	Eye irritation, category 2	
Skin Sens. 1B	Skin sensitization, category 1B	
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H319	Causes serious eye irritation.	
H317	May cause an allergic skin reaction.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
 ATE: Acute Toxicity Esti CAS: Chemical Abstract CE50: Effective concent CE: Identifier in ESIS (E CLP: Regulation (EC) 12 DNEL: Derived No Effect EmS: Emergency Sched GHS: Globally Harmoniz IATA DGR: International IC50: Immobilization Co IMDG: International Martiti INDEX: Identifier in Ann LC50: Lethal Concentra LD50: Lethal dose 50% OEL: Occupational Expo 	t Service Number tration (required to induce a 50% effect) European archive of existing substances) 272/2008 tt Level dule zed System of classification and labeling of chemicals I Air Transport Association Dangerous Goods Regulation incentration 50% ritime Code for dangerous goods ime Organization ex VI of CLP tion 50% osure Level imulative and toxic as REACH Regulation	

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 TLV: Threshold Limit Value TLV CEILING: Concentration that sho TWA: Time-weighted average exposu TWA STEL: Short-term exposure limi VOC: Volatile organic Compounds vPvB: Very Persistent and very Bioact WGK: Water hazard classes (German GENERAL BIBLIOGRAPHY Regulation (EC) 1907/2006 (REACH-2. Regulation (EC) 1272/2008 (CLP) of 3. Regulation (EU) 2020/878 (II Annex 4. Regulation (EU) 286/2011 (II Atp. CL 5. Regulation (EU) 286/2011 (II Atp. CL 6. Regulation (EU) 286/2011 (II Atp. CL 7. Regulation (EU) 618/2012 (III Atp. C. 7. Regulation (EU) 618/2012 (III Atp. C. 7. Regulation (EU) 944/2013 (V Atp. C Regulation (EU) 2015/1221 (VII Atp. C1 0. Regulation (EU) 2015/1221 (VII Atp. C1 0. Regulation (EU) 2016/918 (VIII Atp. C1 0. Regulation (EU) 2016/918 (VIII Atp. C1 0. Regulation (EU) 2016/918 (VIII Atp. 13. Regulation (EU) 2016/918 (VIII Atp. 14. Regulation (EU) 2019/521 (XII Atp. 15. Regulation (EU) 2019/1148 B. Delegated Regulation (UE) 2020/21 Delegated Regulation (UE) 2020/21 Delegated Regulation (UE) 2020/21 Delegated Regulation (UE) 2021/62 Delegated Regulation (UE) 2021/62 Delegated Regulation (UE) 2021/62 Delegated Regulation (UE) 2021/62 Delegated Regulation (UE) 2022/63 The Merck Index 10th Edition Handling Chemical Safety INRS - Fiche Toxicologique (toxicologione (toxicolo	ion aational transport of dangerous goods by train build not be exceeded during any time of occupational exposure. tre limit t cumulative as for REACH Regulation)). I) of the European Parliament the European Parliament P) of the European Parliament LP) of the European Parliament LP) of the European Parliament LP) of the European Parliament D) of the European Parliament CLP) IT the European Parliament CLP)	Page n. 16/16 Replaced revision:15 (Printed on: 10/11/2022)
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. 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. Changes to previous review: The following sections were modified: 03 / 08 / 11 / 12.		