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CAT. per HYD	ROTHANE series	Page n. 1/15
		Replaced revision:10 (Dated: 21/11/2022)
	Safety Data Sheet	
According to Annex II	to REACH - Regulation 2020/878 and to Annex II to UK REA	АСН
SECTION 1. Identification of the sub	stance/mixture and of the company/unde	rtaking
1.1. Product identifier		
Code:	159691-159757-159833-160378-160381-160386-160392-1	160395-160400-160404-160470-
Product name	160573-160597 CAT. per HYDROTHANE series	
	•	
1.2. Relevant identified uses of the substance or n Intended use Hardener for two con	nixture and uses advised against nponents water based polyurethane topcoat.	
1.3. Details of the supplier of the safety data sheet Name	Ti.Pi.Ci. S.a.s.	
Full address	Via Val Lerone, 21	
District and Country	16011 Arenzano (GE) Italy	
	Tel. +39 010 9111368	
	Fax +39 010 9134188	
e-mail address of the competent person		
responsible for the Safety Data Sheet	laboris@tipici.net	
1.4. Emergency telephone number		
For urgent inquiries refer to	Centro Antiveleni di Bergamo +39800883300 (Azienda Bergamo)	Ospedaliera Papa Giovanni XXII -
	Centro Antiveleni di Firenze +39055/7947819 (CAV Osp	
	Centro Antiveleni di Foggia +39800183459 (Az. Osp. Ur Centro Antiveleni di Milano +3902/66101029 (CAO Osp	
	Milano)	edale Niguarda Ca Granda -
	Centro Antiveleni di Napoli +39081/5453333 (CAV Ospe Centro Antiveleni di Pavia +390382/24444 (CAV IRCCS	
	Centro Antiveleni di Roma +3906/3054343 (CAV Policli	nico Gemelli - Roma)
	Centro Antiveleni di Roma +3906/49978000 (CAV Polici Centro Antiveleni di Roma +3906/68593726 (CAV Osp.	,
	Roma)	
	Centro Antiveleni di Verona +39800011858 (Azienda Os	spedallera Integrata - Verona)
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 2020/878. 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
Acute toxicity, category 4	H332
Specific target organ toxicity - single exposure, category 3	H335

Flammable liquid and vapour. Harmful if inhaled. May cause respiratory irritation.

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Skin sensitization, catego Hazardous to the aquatic category 3	ry 1 environment, chronic toxicity,	H317 H412	May cause an allerg Harmful to aquatic li	jic skin reaction. ife with long lasting effects.
2.2. Label elements				
Hazard labelling pursuant t	o EC Regulation 1272/2008 (CLP)	and subsequent a	mendments and supplements	5.
Hazard pictograms:	\$			
Signal words:	Warning			
Hazard statements:				
H226 H332 H335 H317 H412	Flammable liquid and vapour. Harmful if inhaled. May cause respiratory irritation. May cause an allergic skin reacti Harmful to aquatic life with long la			
Precautionary statements:				
P210 P280 P370+P378 P261 P312 P403+P233 Contains:	Keep away from heat, hot surfac Wear protective gloves/ protectiv In case of fire: use alcohol-resist Avoid breathing dust / fume / gas Call a POISON CENTRE / doctoo Store in a well-ventilated place. K	e clothing / eye pr ant foam, CO2, pc / mist / vapours / r / if you feel u Keep container tigl	otection / face protection. owders, water spray to extingu spray. nwell.	-
	ALIPHATIC POLYISOCYANATE			
2.3. Other hazards				
On the basis of available da	ata, the product does not contain a	ny PBT or vPvB in	ı percentage ≥ than 0,1%.	
The product does not conta	in substances with endocrine disru	pting properties ir	concentration $\geq 0.1\%$.	
SECTION 3. Com	position/information on	ingredients		
3.2. Mixtures				
Contains:				
Identification	x = Conc. %	Classification (EC	C) 1272/2008 (CLP)	

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hydrophilic aliphatic polyisocianate INDEX -	50 ≤ x < 90	Acute Tox. 4 H332, STOT SE 3 H335, Skin 3 H412	i Sens. 1B H317, Aquatic Chronic
EC 679-501-7		STA Inhalation mists/powders: 1,5 mg/l	
CAS 160994-68-3			
ALIPHATIC POLYISOCYANATE			
INDEX -	19≤x< 20	Acute Tox. 4 H332, STOT SE 3 H335, Skin	i Sens. 1 H317
EC 500-060-2		STA Inhalation vapours: 11 mg/l, STA Inha	lation mists/powders: 1,5 mg/l
CAS 28182-81-2			
REACH Reg. 01-2119485796-17- 0000, 01-2119485796-17-0001, 01- 2119485796-17-0012 2-METHOXY-1-METHYLETHYL ACETATE INDEX 607-195-00-7	19≤x< 20	Flam. Liq. 3 H226	
EC 203-603-9			
CAS 108-65-6			
REACH Reg. 01-2119475791-29			

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

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.

5.2. Special hazards arising from the substance or mixture

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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.

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.

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.

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

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 which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

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.

7.3. Specific end use(s)

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Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher
		Arbeitsstoffe, Mitteilung 56
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Directive (EU) 2022/431; 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.

2-METHOXY-1-METHYLETHYL ACETATE

Threshold Limit Valu	e						
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	270	50	270	50		
MAK	DEU	270	50	270	50		
VLA	ESP	275	50	550	100	SKIN	
VLEP	FRA	275	50	550	100	SKIN	
VLEP	ITA	275	50	550	100	SKIN	
WEL	GBR	274	50	548	100	SKIN	
OEL	EU	275	50	550	100	SKIN	

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

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.

Provide an emergency shower with face and eye wash station.

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 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.

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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 137). 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	Value	Information
Appearance	viscous liquid	
Colour	transparent	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	0 °C	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	55,5 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
рН	not available	
Kinematic viscosity	not available	
Solubility	soluble in water	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1,13 (+-) 0,050	
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

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9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU)	19,94 %	-	225,30	g/litre
VOC (volatile carbon)	10,86 %	-	122,74	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.

2-METHOXY-1-METHYLETHYL ACETATE

Stable in normal conditions of use and storage.

With the air it may slowly develop peroxides that explode with an increase in temperature.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

2-METHOXY-1-METHYLETHYL ACETATE

May react violently with: oxidising substances, strong acids, alkaline metals.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

10.5. Incompatible materials

2-METHOXY-1-METHYLETHYL ACETATE

Incompatible with: oxidising substances, strong acids, alkaline metals.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

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

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ffects of exposure to the product.		
11.1. Information on hazard classes as defined in Reg	ulation (EC) No 1272/2008	
Metabolism, toxicokinetics, mechanism of action and othe	er information	
2-METHOXY-1-METHYLETHYL ACETATE The main route of entry is the skin, whereas the respirator	ry route is less important due to the low vapour pre	essure of the product.
nformation on likely routes of exposure		
2-METHOXY-1-METHYLETHYL ACETATE NORKERS: inhalation; contact with the skin.		
Delayed and immediate effects as well as chronic effects	from short and long-term exposure	
2-METHOXY-1-METHYLETHYL ACETATE		
Above 100 ppm causes irritation of the eye, nose and orc can be noticed. Clinical and biological examinations carr	ied out on exposed volunteers revealed no anom	
Above 100 ppm causes irritation of the eye, nose and orce can be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans	ied out on exposed volunteers revealed no anom	
Above 100 ppm causes irritation of the eye, nose and orc can be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans <u>nteractive effects</u>	ied out on exposed volunteers revealed no anom	
Above 100 ppm causes irritation of the eye, nose and ord an be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans <u>nteractive effects</u> nformation not available	ied out on exposed volunteers revealed no anom	
Above 100 ppm causes irritation of the eye, nose and ord can be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans <u>interactive effects</u>	ied out on exposed volunteers revealed no anom	
Above 100 ppm causes irritation of the eye, nose and ord can be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans <u>interactive effects</u> nformation not available <u>ACUTE TOXICITY</u> ATE (Inhalation - mists / powders) of the mixture: ATE (Inhalation - vapours) of the mixture: ATE (Inhalation - gas) of the mixture: ATE (Inhalation - gas) of the mixture: ATE (Oral) of the mixture:	ied out on exposed volunteers revealed no anom s have been reported (INCR, 2010). 1,36 mg/l Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Not classified (no significant component)	
Above 100 ppm causes irritation of the eye, nose and ord can be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans interactive effects information not available ACUTE TOXICITY ATE (Inhalation - mists / powders) of the mixture: ATE (Inhalation - vapours) of the mixture: ATE (Inhalation - gas) of the mixture: ATE (Inhalation - gas) of the mixture: ATE (Oral) of the mixture: ATE (Dermal) of the mixture:	ied out on exposed volunteers revealed no anom s have been reported (INCR, 2010). 1,36 mg/l Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Not classified (no significant component)	il Test dell'OECD 403 per il Test dell'OECD
Above 100 ppm causes irritation of the eye, nose and ord can be noticed. Clinical and biological examinations carr rritation with direct contact. No chronic effects on humans <u>interactive effects</u> information not available <u>ACUTE TOXICITY</u> ATE (Inhalation - mists / powders) of the mixture: ATE (Inhalation - vapours) of the mixture: ATE (Inhalation - gas) of the mixture: ATE (Inhalation - gas) of the mixture: ATE (Dermal) of the mixture: nydrophilic aliphatic polyisocyanate LD50 (Dermal): LD50 (Oral): LC50 (Inhalation mists/powders):	 ied out on exposed volunteers revealed no anoms have been reported (INCR, 2010). 1,36 mg/l Acute Tox. 4 Acute Tox. 4 Not classified (no significant component) Not classified (no significant component) > 2000 mg/kg Ratto - Linee Guida 402 per > 2000 mg/kg Ratto 0,39 mg/l/4h Ratto femmina - Linee Guida 1,5 mg/l estimate from table 3.1.2 of Anney 	il Test dell'OECD 403 per il Test dell'OECD

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STA (Inhalation vapours):	11 mg/l estimate from table 3.1.2 of Annex (figure used for calculation of the acute toxi	I of the CLP city estimate of the mixture)		
2-METHOXY-1-METHYLETHYL ACETATE				
LD50 (Dermal): LD50 (Oral):	> 5000 mg/kg Rat 8530 mg/kg Rat			
SKIN CORROSION / IRRITATION				
Does not meet the classification criteria for this hazard class				
SERIOUS EYE DAMAGE / IRRITATION				
Does not meet the classification criteria for this hazard class				
RESPIRATORY OR SKIN SENSITISATION				
Sensitising for the skin				
GERM CELL MUTAGENICITY				
Does not meet the classification criteria for this hazard class				
CARCINOGENICITY				
Does not meet the classification criteria for this hazard class				
REPRODUCTIVE TOXICITY				
Does not meet the classification criteria for this hazard class				
STOT - SINGLE EXPOSURE				
May cause respiratory irritation				
STOT - REPEATED EXPOSURE				

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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

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**

hydrophilic aliphatic polyisocyanate	
LC50 - for Fish	28,3 mg/l/96h Danio rerio - Linee Guida 203 per il Test dell'OECD
EC50 - for Crustacea	> 100 mg/l/48h Daphnia magna - Linee Guida 202 per il Test dell'OECD
EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h scenedesmus subspicatus - OECD TG 201
12.2. Persistence and degradability	
ALIPHATIC POLYISOCYANATE	
Solubility in water	0,1 - 100 mg/l
Degradability: information not available	
2-METHOXY-1-METHYLETHYL ACETATE	
Solubility in water	> 10000 mg/l
Rapidly degradable 12.3. Bioaccumulative potential	
ALIPHATIC POLYISOCYANATE	
Partition coefficient: n-octanol/water	5,54
BCF	367,7
2-METHOXY-1-METHYLETHYL ACETATE	
Partition coefficient: n-octanol/water	1,2
12.4. Mobility in soil	
ALIPHATIC POLYISOCYANATE	
Partition coefficient: soil/water	7,3
12.5. Results of PBT and vPvB assessment	

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On the basis of ava	ilable data, the pro	duct does not contain any PBT or vPvB in percenta	age ≥ than 0,1%.
2.6. Endocrine di	srupting properti	95	
Based on the availa environmental effec			European lists of potential or suspected endocrine disruptors with
2.7. Other advers	e effects		
nformation not avai	ilable		
SECTION 13	3. Disposal c	onsiderations	
3.1. Waste treatm			
	PACKAGING	overed or disposed of in compliance with national w	raste management regulations.
4.1. UN number o	or ID number		
ADR / RID, IMDG	, IATA:	3272	
4.2. UN proper sh	nipping name		
ADR / RID:	ESTERS, N.	D.S. (2-METHOXY-1-METHYLETHYL ACETATE)	
IMDG:		D.S. (2-METHOXY-1-METHYLETHYL ACETATE)	
IATA:	ESTERS, N.	D.S. (2-METHOXY-1-METHYLETHYL ACETATE)	
4.3. Transport ha	zard class(es)		
ADR / RID:	Class: 3	Label: 3	8
IMDG:	Class: 3	Label: 3	
IATA:	Class: 3	Label: 3	
4.4. Packing grou	qı		•
ADR / RID, IMDG	, IATA:	111	

14.5. Environmental hazards

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ADR / RID:	NO			
IMDG: IATA:	NO NO			
14.6. Special pred	cautions for user			
ADR / RID:		HIN - Kemler: 30	Limited Quantities: 5 L	Tunnel restriction code: (D/E)
		Special provision: -	L	
IMDG:		EMS: F-E, S-D	Limited Quantities: 5 L	
IATA:		Cargo:	L Maximum quantity: 220 L	Packaging instructions: 366
		Pass.:	∟ Maximum quantity: 60 L	Packaging instructions:
		Special provision:	A3	355
14.7. Maritime tra	nsport in bulk ac	cording to IMO instruments		
Information not rel	evant			
SECTION 1	5. Regulator	y information		
15.1. Safety, he	alth and environn	nental regulations/legislation specific for	the substance or mixture	
Seveso Category - Directive 2012/18/EU: P5c				
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006				
Product Point 3 - 40				
Contained substar	ice			
		75		
Point 75				
Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors				
not applicable				
Substances in Candidate List (Art. 59 REACH)				
On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.				
Substances subject to authorisation (Annex XIV REACH)				
None				

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Substances subject to exportation reporting pursuant to Regulation (EU) 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.

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
Acute Tox. 4	Acute toxicity, category 4
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Skin sensitization, category 1
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road

ATE: Acute Toxicity Estimate

- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 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: Identifier in Annex VI of CLP

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- LC50: Lethal Concentration 50%	
- LD50: Lethal dose 50%	
- OEL: Occupational Exposure Level	
- PBT: Persistent bioaccumulative and toxic as REACH Regulation - PEC: Predicted environmental Concentration	
- PEC. Predicted environmental concentration	
- PNEC: Predicted no effect concentration	
- REACH: Regulation (EC) 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: Time-weighted average exposure limit	
- TWA STEL: Short-term exposure limit	
- VOC: Volatile organic Compounds	
 - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation - WGK: Water hazard classes (German). 	
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Note for users:	
The information contained in the present sheet are based on our own knowledge on the date of the last version	n. 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, co	mply with the current health and safetv
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	ox Port 2 The date for evaluation of
Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, And 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 deter	nined otherwise in Section 11.
Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unles	
Changes to previous review:	

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