

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: C00288A
Product name: Epoxyfloor 500 W Componente A
UFI: AC60-D0MD-4004-MFV0

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Induritore poliamminico

1.3. Details of the supplier of the safety data sheet

Name: Licata S.p.A.
Full address: Via De Gasperi,155
District and Country: 92024 Canicatti (AG)
Italia
Tel.: +39 0922 856088
Fax: +39 0922 831427
e-mail address of the competent person responsible for the Safety Data Sheet: controllo-qualita@licataspa.it

1.4. Emergency telephone number

For urgent inquiries refer to:
NHS111in England: 111
NHS24in Scotland: 111
NHS Direct in Wales: 111 or 0845 4647
In an emergency, if the patient has collapsed or is not breathing properly, call 999

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:

Skin corrosion, category 1A	H314	Causes severe skin burns and eye damage.
Serious eye damage, category 1	H318	Causes serious eye damage.
Skin sensitization, category 1A	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic toxicity, category 3	H412	Harmful 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: Danger

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SECTION 2. Hazards identification ... / >>			
Hazard statements:			
H314	Causes severe skin burns and eye damage.		
H317	May cause an allergic skin reaction.		
H412	Harmful to aquatic life with long lasting effects.		
EUH071	Corrosive to the respiratory tract.		
Precautionary statements:			
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].		
P260	Do not breathe dust / fume / gas / mist / vapours / spray.		
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.		
P310	Immediately call a POISON CENTER / doctor / . . .		
P264	Wash . . . thoroughly after handling.		
P280	Wear protective gloves/ protective clothing / eye protection / face protection.		
Contains:			
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE			
M-PHENYLENEBIS (METHYLAMINE)			
2.3. Other hazards			
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.			
The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.			
SECTION 3. Composition/information on ingredients			
3.2. Mixtures			
Contains:			
Identification		x = Conc. %	Classification (EC) 1272/2008 (CLP)
1-METHOXY-2-PROPANOL			
INDEX	603-064-00-3	7 ≤ x < 8	Flam. Liq. 3 H226, STOT SE 3 H336
EC	203-539-1		
CAS	107-98-2		
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE			
INDEX	612-067-00-9	1,5 ≤ x < 2	Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1A H317
EC	220-666-8		
CAS	2855-13-2		
REACH Reg.	01-2119514687-32-XXXX		LD50 Oral: 1030 mg/kg
M-PHENYLENEBIS (METHYLAMINE)			
INDEX		1 ≤ x < 1,5	Acute Tox. 4 H302, Acute Tox. 4 H332, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1B H317, Aquatic Chronic 3 H412, EUH071
EC	216-032-5		
CAS	1477-55-0		
REACH Reg.	01-2119480150-50-XXXX		LD50 Oral: 930 mg/kg, LC50 Inhalation mists/powders: 1,34 mg/l/4h
2-METHOXY-1-METHYLETHYL ACETATE			
INDEX	607-195-00-7	0,45 ≤ x < 0,5	Flam. Liq. 3 H226
EC	203-603-9		
CAS	108-65-6		
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			
In case of doubt or in the presence of symptoms contact a doctor and show him this document.			
In case of more severe symptoms, ask for immediate medical aid.			
EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.			
SKIN: Take off immediately all contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get			

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

SECTION 4. First aid measures ... / >>

medical advice/attention. Avoid further contact with contaminated clothing.

INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Rinse your mouth with running water. Do not give anything by mouth to an unconscious person. Get medical advice/attention.

INHALATION: Remove victim to fresh air, away from the accident scene. In the event of respiratory symptoms (coughing, wheezing, breathing difficulty, asthma) keep the victim in a comfortable position for breathing. If necessary administer oxygen. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

4.3. Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTER / doctor / . . .

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

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

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SECTION 8. Exposure controls/personal protection ... / >>

M-PHENYLENEBIS (METHYLAMINE)

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
VLEP	FRA			0,1					
MV	SVN	0,1							
TLV-ACGIH				0,018 (C)		SKIN			

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,094	mg/l
Normal value in marine water	0,0094	mg/l
Normal value for fresh water sediment	12,4	mg/kg
Normal value for marine water sediment	1,24	mg/kg
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	244	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers		Chronic	Chronic	Effects on workers		Chronic	Chronic
	Acute	Acute			Acute	Acute		
	local	systemic	local	systemic	local	systemic	local	systemic
Inhalation							0,2	1,2
							mg/m3	mg/m3
Skin								0,33
								mg/kg
								bw/d

2-METHOXY-1-METHYLETHYL ACETATE

Threshold Limit Value

Type	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			
GVI/KGVI	HRV	275	50	550	100	SKIN			
VLEP	ITA	275	50	550	100	SKIN			
MV	SVN	275	50	550	100	SKIN			
WEL	GBR	274	50	548	100	SKIN			
OEL	EU	275	50	550	100	SKIN			

1-METHOXY-2-PROPANOL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
AGW	DEU	370	100	740	200				
MAK	DEU	370	100	740	200				
VLA	ESP	375	100	568	150	SKIN			
VLEP	FRA	188	50	375	100	SKIN			
GVI/KGVI	HRV	375	100	568	150				
VLEP	ITA	375	100	568	150	SKIN			
MV	SVN	375	100	568	150	SKIN			
WEL	GBR	375	100	560	150	SKIN			
OEL	EU	375	100	568	150	SKIN			
TLV-ACGIH		184	50	368	100				

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.

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.

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SECTION 8. Exposure controls/personal protection ... / >>

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.
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 III 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 a hood visor or protective visor combined with airtight goggles (see standard EN ISO 16321).

RESPIRATORY PROTECTION
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. 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).
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	Value	Information
Appearance	dense liquid	
Colour	straw-coloured	
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	100 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	14	
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1,08	
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

9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU)	7,48 % - 80,73	g/litre
VOC (volatile carbon)	3,99 % - 43,06	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.

1-METHOXY-2-PROPANOL

Dissolves various plastic materials. Stable in normal conditions of use and storage.

Absorbs and dissolves in water and in organic solvents. With air it may slowly form explosive peroxides.

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.

1-METHOXY-2-PROPANOL

May react dangerously with: strong oxidising agents, strong acids.

3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE

May react dangerously with: strong oxidising agents, concentrated inorganic acids.

10.4. Conditions to avoid

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

1-METHOXY-2-PROPANOL

Avoid exposure to: air.

3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE

Avoid contact with: strong acids, strong oxidants.

10.5. Incompatible materials**2-METHOXY-1-METHYLETHYL ACETATE**

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

1-METHOXY-2-PROPANOL

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**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information**2-METHOXY-1-METHYLETHYL ACETATE**

The main route of entry is the skin, whereas the respiratory route is less important due to the low vapour pressure of the product.

Information on likely routes of exposure**2-METHOXY-1-METHYLETHYL ACETATE**

WORKERS: inhalation; contact with the skin.

1-METHOXY-2-PROPANOL

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; inhalation of ambient air; contact with the skin of products containing the substance.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

SECTION 11. Toxicological information ... / >>**2-METHOXY-1-METHYLETHYL ACETATE**

Above 100 ppm causes irritation of the eye, nose and oropharynx mucous membranes. At 1000 ppm, disturbance of equilibrium and severe eye irritation can be noticed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies. Acetate produces greater skin and eye irritation with direct contact. No chronic effects on humans have been reported (INCR, 2010).

1-METHOXY-2-PROPANOL

The main route of entry is the skin, whereas the respiratory route is less important due to the low vapour pressure of the product. Above 100 ppm causes irritation of the eye, nose and oropharynx mucous membranes. At 1000 ppm, disturbance of equilibrium and severe eye irritation can be noticed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies. Acetate produces greater skin and eye irritation with direct contact. No chronic effects on humans have been reported.

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation - mists / powders) of the mixture:	> 5 mg/l
ATE (Oral) of the mixture:	>2000 mg/kg
ATE (Dermal) of the mixture:	Not classified (no significant component)

Corrosive to the respiratory tract.

M-PHENYLENEBIS (METHYLAMINE)

LD50 (Dermal):	> 3100 mg/kg Rat
LD50 (Oral):	930 mg/kg Rat - Sprague-Dawley
LC50 (Inhalation mists/powders):	1,34 mg/l/4h

2-METHOXY-1-METHYLETHYL ACETATE

LD50 (Dermal):	> 5000 mg/kg Rat
LD50 (Oral):	8530 mg/kg Rat

1-METHOXY-2-PROPANOL

LD50 (Dermal):	13000 mg/kg Rabbit
LD50 (Oral):	5300 mg/kg Rat
LC50 (Inhalation vapours):	54,6 mg/l/4h Rat

3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE

LD50 (Dermal):	> 2000 mg/kg Coniglio
LD50 (Oral):	1030 mg/kg Ratto
LC50 (Inhalation mists/powders):	> 5 mg/l/4h Ratto

SKIN CORROSION / IRRITATION

Corrosive for the skin
Classification according to the experimental Ph value

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

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

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Does not meet the classification criteria for this hazard class				
STOT - REPEATED EXPOSURE				
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 has negative effects on the aquatic environment.				
12.1. Toxicity				
M-PHENYLENEBIS (METHYLAMINE)				
LC50 - for Fish		100 mg/l/96h Oryzias latipes		
EC50 - for Crustacea		100 mg/l/48h Daphnia magna		
2-METHOXY-1-METHYLETHYL ACETATE				
LC50 - for Fish		> 100 mg/l/96h		
EC50 - for Crustacea		373 mg/l/48h		
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE				
EC50 - for Algae / Aquatic Plants		> 100 mg/l/72h		
Chronic NOEC for Algae / Aquatic Plants		1,5 mg/l Alga verde		
12.2. Persistence and degradability				
M-PHENYLENEBIS (METHYLAMINE)				
Degradability: information not available				
1-METHOXY-2-PROPANOL				
Solubility in water		1000 - 10000 mg/l		
Rapidly degradable				
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE				
NOT rapidly degradable				
12.3. Bioaccumulative potential				
1-METHOXY-2-PROPANOL				
Partition coefficient: n-octanol/water		< 1		
12.4. Mobility in soil				
Information not available				
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				

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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.</p> <p>Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.</p> <p>Waste transportation may be subject to ADR restrictions.</p> <p>CONTAMINATED PACKAGING</p> <p>Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</p>				
SECTION 14. Transport information				
14.1. UN number or ID number				
ADR / RID, IMDG, IATA:		UN 2735		
14.2. UN proper shipping name				
ADR / RID:		AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE; M-PHENYLENEBIS (METHYLAMINE))		
IMDG:		AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE; M-PHENYLENEBIS (METHYLAMINE))		
IATA:		AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE; M-PHENYLENEBIS (METHYLAMINE))		
14.3. Transport hazard class(es)				
ADR / RID:		Class: 8	Label: 8	
IMDG:		Class: 8	Label: 8	
IATA:		Class: 8	Label: 8	
14.4. Packing group				
ADR / RID, IMDG, IATA:		III		
14.5. Environmental hazards				
ADR / RID:		NO		
IMDG:		not marine pollutant		
IATA:		NO		
14.6. Special precautions for user				
ADR / RID:		HIN - Kemler: 80 Special provision: 274	Limited Quantities: 5 lt	Tunnel restriction code: (E)
IMDG:		EMS: F-A, S-B	Limited Quantities: 5 lt	
IATA:		Cargo: Passengers: Special provision:	Maximum quantity: 60 L Maximum quantity: 5 L A3, A803	Packaging instructions: 856 Packaging instructions: 852
14.7. Maritime transport in bulk according to IMO instruments				
Information not relevant				

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<div>SECTION 15. Regulatory information</div>		
<div>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</div> <div><div>Seveso Category - Directive 2012/18/EU:</div><div>None</div></div> <div><div>Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006</div><div><div>Product</div><div><div>Point</div><div>3 - 40</div></div><div><div>Contained substance</div><div><div>Point</div><div>75</div></div></div></div><div><div>Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors</div><div>not applicable</div></div><div><div>Substances in Candidate List (Art. 59 REACH)</div><div>On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.</div></div><div><div>Substances subject to authorisation (Annex XIV REACH)</div><div>None</div></div><div><div>Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:</div><div>None</div></div><div><div>Substances subject to the Rotterdam Convention:</div><div>None</div></div><div><div>Substances subject to the Stockholm Convention:</div><div>None</div></div><div><div>Healthcare controls</div><div>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.</div></div></div>		
<div>15.2. Chemical safety assessment</div> <div>A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.</div>		
<div>SECTION 16. Other information</div>		
<div>Text of hazard (H) indications mentioned in section 2-3 of the sheet:</div> <div><div><div><div>Flam. Liq. 3</div><div>Acute Tox. 4</div><div>Skin Corr. 1A</div><div>Skin Corr. 1B</div><div>Eye Dam. 1</div><div>Skin Sens. 1A</div><div>Skin Sens. 1B</div><div>STOT SE 3</div><div>Aquatic Chronic 3</div><div>H226</div><div>H302</div><div>H332</div><div>H314</div><div>H318</div><div>H317</div><div>H336</div><div>H412</div><div>EUH071</div></div><div><div>Flammable liquid, category 3</div><div>Acute toxicity, category 4</div><div>Skin corrosion, category 1A</div><div>Skin corrosion, category 1B</div><div>Serious eye damage, category 1</div><div>Skin sensitization, category 1A</div><div>Skin sensitization, category 1B</div><div>Specific target organ toxicity - single exposure, category 3</div><div>Hazardous to the aquatic environment, chronic toxicity, category 3</div><div>Flammable liquid and vapour.</div><div>Harmful if swallowed.</div><div>Harmful if inhaled.</div><div>Causes severe skin burns and eye damage.</div><div>Causes serious eye damage.</div><div>May cause an allergic skin reaction.</div><div>May cause drowsiness or dizziness.</div><div>Harmful to aquatic life with long lasting effects.</div><div>Corrosive to the respiratory tract.</div></div></div></div> <div><div>LEGEND:</div><div><div>- ADR: European Agreement concerning the carriage of Dangerous goods by Road</div><div>- ATE: Acute Toxicity Estimate</div><div>- CAS: Chemical Abstract Service Number</div><div>- CE50: Effective concentration (required to induce a 50% effect)</div></div></div>		
<div>EPY 11.7.1 - SDS 1004.14</div>		

SECTION 16. Other information ... / >>

- 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
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- 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
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

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 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
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 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
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 - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

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

SECTION 16. Other information ... / >>

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:

01 / 03 / 09 / 11 / 12 / 14.