		Revision nr. 2
Meccano	car Italia S.r.I.	
		Dated 09/03/2020
WAXY F	ROTECTIVE	Printed on 09/03/2020
		Page n. 1/15
		Replaced revision:1 (Dated: 11/07/2018)
Accor	Safety Data Sheet ding to Annex II to REACH - Regulation 2015/830	
SECTION 1. Identification of the sub	stance/mixture and of the company/under	taking
1.1. Product identifier		
Code:	411 00 14745-2761	
Product name	WAXY PROTECTIVE	
1.2. Relevant identified uses of the substance or r         Intended use       Corrosion protection		
1.3. Details of the supplier of the safety data shee		
Name	Meccanocar Italia S.r.l.	
Full address District and Country	Via San Francesco, 22 56033 Capannoli (PI)	
	Italy	
	Tel. +39 0587 609433	
	Fax +39 0587 607145	
e-mail address of the competent person		
responsible for the Safety Data Sheet	moreno.meini@meccanocar.it	
1.4. Emergency telephone number	National Poisons Information Service: +44 121 507 4123	
For urgent inquiries refer to	National Foisons Information Service. +44 121 307 4123	1
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:		
Flammable liquid, category 3	H226	Flammable liquid and vapour.
Specific target organ toxicity - repeated exposure, category 1	H372	Causes damage to organs through prolonged or repeated
		exposure.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.
Hazardous to the aquatic environment, chronic toxicity,	H411	Toxic to aquatic life with long lasting effects.
category 2		

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

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Hazard pictograms:		¥2	
Signal words:	Danger		
lazard statements:			
H226	Flammable liquid and vapou	ır	
H372	Causes damage to organs the	hrough prolonged or repeated exposure.	
H336 H411	May cause drowsiness or di Toxic to aquatic life with long		
		J	
recautionary statemen	its:		
P210	Keep away from heat, hot su	urfaces, sparks, open flames and other ignitior	n sources. No smoking
P273	Avoid release to the environ	iment.	
P260 P501		/ gas / mist / vapours / spray. ner in accordance with local regulations.	
		and a second sec	
		2, N-ALCANS, ISOALKANS, CYCLES, AROM/ ain any PBT or vPvB in percentage greater tha	
.3. Other hazards		ain any PBT or vPvB in percentage greater tha	
<b>3. Other hazards</b> On the basis of availabl	e data, the product does not conta	ain any PBT or vPvB in percentage greater tha	
.3. Other hazards On the basis of availabl SECTION 3. Co 3.2. Mixtures	e data, the product does not conta	ain any PBT or vPvB in percentage greater tha	
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.3. Other hazards On the basis of availabl SECTION 3. Co 3.2. Mixtures Contains: Identification HYDROCARBONS, C ALCANS, ISOALKAN AROMATICS (2-25%)	e data, the product does not conta pmposition/information x = Conc. % C9-C12, N- S, CYCLES,	ain any PBT or vPvB in percentage greater tha on ingredients Classification 1272/2008 (CLP)	an 0,1%.
3. Other hazards n the basis of availabl SECTION 3. Co 3.2. Mixtures ontains: Identification HYDROCARBONS, C ALCANS, ISOALKAN AROMATICS (2-25%)	e data, the product does not conta pmposition/information x = Conc. % C9-C12, N- S, CYCLES,	ain any PBT or vPvB in percentage greater tha on ingredients Classification 1272/2008 (CLP) Flam. Liq. 3 H226, STOT RE 1 H372, Asp	an 0,1%.
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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

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.

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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)

Information not available

### **SECTION 8. Exposure controls/personal protection**

#### 8.1. Control parameters

#### HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)

Health - Derived no-effect level - DNEL / DMEL								
	Effects on				Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
				systemic		systemic		systemic
Oral				21 mg/kg				
				bw/d				
Inhalation		570 mg/m3		71 mg/m3		570 mg/m3		330 mg/m3
Skin				12 mg/kg bw/d				21 mg/kg bw/d
				Dw/u				Dw/u

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

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#### 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.

Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

### 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 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.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

#### 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.

HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)

Any specific glove information provided is based on published literature and glove manufacturer data. The suitability of the gloves and breakthrough time will differ according to the specific conditions of use. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your conditions of use. Inspect and replace worn or damaged gloves. The types of gloves to consider for this material include: If prolonged or repeated contact is likely, the use of chemical resistant gloves is recommended. If contact with forearms is likely, wear glove-style gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear glove-style gloves. Nitrile, CEN EN 420 and EN 374 standards provide general requirements and lists of glove types.

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Any specific glove information provided is based on published literature and glove manufacturer data. The suitability of the gloves and breakthrough time will differ according to the specific conditions of use. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your conditions of use. Inspect and replace worn or damaged gloves. The types of gloves to consider for this material include: No protection is normally required under normal conditions of use. Nitrile, CEN EN 420 and EN 374 standards provide general requirements and lists of

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glove types.

### **SECTION 9.** Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	transparent
Odour	characteristic
Odour threshold	Not available
рН	Not available
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	38 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	0,88
Solubility	insoluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	5000-10000 mPas a
Explosive properties	Not available
Oxidising properties	Not available

#### 9.2. Other information

Information not available

# **SECTION 10. Stability and reactivity**

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

20°C

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

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The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

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

HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)

Avoid heat, sparks, open flames and other sources of ignition.

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Avoid heat, sparks, open flames and other sources of ignition.

### 10.5. Incompatible materials

HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)

strong oxidants

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

strong oxidants

#### 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 toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

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

Information not available

Interactive effects

Information not available

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### ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no significant component) LD50 (Oral) of the mixture: Not classified (no significant component) LD50 (Dermal) of the mixture: Not classified (no significant component)

#### HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Method: Equivalent or similar to OECD 401 Reliability: 1 Species: Rat (Sprague-Dawley; male / female) Route of exposure: Oral Results: LD50> 5000 mg / kg bw Method: Equivalent or similar to OECD 403 Reliability: 1 Species: Rat (Crj: CD (SD); male / female) Route of exposure: Inhalation (vapors) Results: LC50> 4951 mg / m3 air Method: Equivalent or similar to OECD 402 Reliability: 1 Species: Rat (Crj: CD (SD); male / female) Route of exposure: Dermal Route of exposure: Dermal Results: LD50> 2000 mg / kg bw

#### **SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

#### HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Method: Equivalent or similar to OECD 404 Reliability: 1 Species: Rabbit (New Zealand White) Route of exposure: Dermal Results: Irritating

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Method: OECD 405 Reliability: 1 Species: Rabbit (New Zealand White) Route of exposure: Ocular Results: Not irritating

### RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Skin sensitization HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

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Method: Equivalent or similar to OECD 406 Reliability: 2 Species: guinea pig (Hartley; female) Route of exposure: Dermal Results: Not sensitizing

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Method: OECD 471 in vitro test Reliability: 1 Species: S. typhimurium Results: Negative with and without metabolic activation Method: Equivalent or similar to OECD 474 in vivo test Reliability: 1 Species: Mouse (CD-1; male / female) Route of exposure: Oral Results: Negative

### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Method: Equivalent or similar to OECD 453 Reliability: 1 Species: Rat (F344 / N; male / female) Route of exposure: Inhalation (vapors) Results: NOAEC = 138 mg / m3 air

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

Method: Equivalent or similar to OECD TG 413 Reliability: 1 Species: Rat (Fischer 344; male / female) Route of exposure: Inhalation (vapors) Results: NOAEC (fertility)> = 400ppm

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)

Based on available data and through expert judgment, the substance is classified in the ti target organ toxicity class for single exposure.

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

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Based on available data and through expert judgment, the substance is not classified in the target organ toxicity clas	s for single exposure.
Target organ HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)	
Central nervous system	
Route of exposure HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)	
Inhalation	
STOT - REPEATED EXPOSURE	
Causes damage to organs	
HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)	
Based on available data and through expert judgment, the substance is classified in the target organ toxicity class fo	r prolonged or repeated exposure.
HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC	
Method: Equivalent or similar to OECD 422 Reliability: 1	
Species: Rat (Sprague-Dawley; male / female)	
Route of exposure: Oral Results: NOAEL> = 1000 mg / kg bw / day	
Method: Equivalent or similar to OECD 413	
Reliability: 1 Species: Rat (albino; male / female)	
Route of exposure: Inhalation (vapors)	
Results: NOAEC> 10400 mg / m3 air	
Target organ	
HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)	
Central nervous system	
Route of exposure HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%)	
Inhalation	
ASPIRATION HAZARD	
Does not meet the classification criteria for this hazard class	
SECTION 12. Ecological information	
This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative e <b>12.1. Toxicity</b>	ffects on acquatic environment.
Information not available	

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#### 12.2. Persistence and degradability

HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%) Easily degradable in water, 75% in 28 days. HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC Easily degradable in water, 80% in 28 days. **12.3. Bioaccumulative potential** 

Information not available

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 greater than 0,1%.

#### 12.6. 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.

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.

HYDROCARBONS, C9-C12, N-ALCANS, ISOALKANS, CYCLES, AROMATICS (2-25%) The product is suitable for combustion in a closed controlled burner for the value or disposal of the fuel by supervised incineration at very high temperatures to prevent the formation of undesirable combustion products.

HYDROCARBONS, C10-C13, ISOALKANS, CYCLIC, <2% AROMATIC

The product is suitable for combustion in a closed controlled burner for the value or disposal of the fuel by supervised incineration at very high temperatures to prevent the formation of undesirable combustion products.

### **SECTION 14. Transport information**

#### 14.1. UN number

ADR / RID, IMDG, 1263 IATA:

#### 14.2. UN proper shipping name

ADR / RID:PAINT or PAINT RELATED MATERIALIMDG:PAINT or PAINT RELATED MATERIAL

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IATA:	PAINT or PAI	NT RELATED MATERIAL	
14.3. Transport h	azard class(es)		
ADR / RID:	Class: 3	Label: 3	*
IMDG:	Class: 3	Label: 3	

### 14.4. Packing group

IATA:

ADR / RID, IMDG, III IATA:

### 14.5. Environmental hazards

Class: 3

Label: 3

ADR / RID:	NO
IMDG:	NO
IATA:	NO

#### 14.6. Special precautions for user

ADR / RID:	HIN - Kemler: 30 Special Provision: -	Limited Quantities: 5 L	Tunnel restriction code: (D/E)
IMDG:	EMS: F-E, <u>S-E</u>	Limited Quantities: 5 I	
IATA:	Cargo:	– Maximum quantity: 220 L	Packaging instructions: 366
	Pass.:	Maximum quantity: 60 L	Packaging instructions: 355
	Special Instructions:	A3, A72, A192	

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: P5c-E2

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

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Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

### 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
STOT RE 1	Specific target organ toxicity - repeated exposure, category 1
Asp. Tox. 1	Aspiration hazard, category 1
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H226	Flammable liquid and vapour.
H372	Causes damage to organs through prolonged or repeated exposure.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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LEGEND:

- 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).
- GENERAL BIBLIOGRAPHY
- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
   Regulation (EU) 2015/830 of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2018/1480 (XIII Atp. CLP)
- 16. Regulation (EU) 2019/521 (XII Atp. CLP)
- The Merck Index. 10th Edition Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy
- 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. Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12.

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The data for evaluation of chemical-physical properties are reported in section 9.

Changes to previous review: The following sections were modified: 01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 15.