Revision nr. 6 MARBEC S.R.L. Dated 09/03/2022 Printed on 09/03/2022 0030461 - ROYAL WAX Page n. 1/18 Replaced revision:5 (Dated: 09/10/2020)

Safety Data Sheet

According to Annex II to REACH - Regulation 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: 0030461 Product name **ROYAL WAX** Chemical name and synonym **ROYAL WAX**

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

building surface treatment wax Intended use

1.3. Details of the supplier of the safety data sheet

Name MARBEC S.R.L. VIA CROCE ROSSA 5/i Full address 51037 MONTALE (PISTOIA) District and Country

ITALIA

Tel. +039 0573/959848

Fax

e-mail address of the competent person

responsible for the Safety Data Sheet becarelli@marbec.it Supplier: info@marbec.it

1.4. Emergency telephone number

For urgent inquiries refer to MARBEC srl

0573959848 h8.30-13 h14-18 o +393348578502 Numero telefonico di Centri Antiveleni attivi 24/24 ore

IRCSS Fondazione Maugeri -Pavia 0039-0382-24444 CAV Ospedali Riuniti -Bergamo 0039-800-883300

CAV Ospedale Niguarda Ca` Granda -

Milano 0039-02-66101029

CAV Ospedale Careggi- Firenze 0039-055-7947819

CAV Policlinico Gemelli -Roma 0039-06-3054343 CAV Policlinico Umberto I -Roma 0039-06 49978000 CAV Ospedale Cardarelli -Napoli 0039-081 5453333

CAV Azienda Ospedaliera Integrata Verona - Verona 800011858

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

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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 Flammable liquid and vapour.

Specific target organ toxicity - single exposure, category 3 H336 May cause drowsiness or dizziness.

Hazardous to the aquatic environment, chronic toxicity, H412 Harmful to aquatic life with long lasting effects.

category 3

2.2. Label elements

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

Hazard pictograms:





Signal words: Warning

Hazard statements:

H226 Flammable liquid and vapour.H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/ protective clothing / eye protection / face protection.

P312 Call a POISON CENTRE / doctor / . . . if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Contains:

Product not intended for uses provided for by Directive 2004/42/EC.

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

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Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

CAS - 50 ≤ x < 100 Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066

EC 919-857-5 Asp. Tox. 1 H304: ≥ 1%

INDEX -

REACH Reg. 01-2119463258-33

CAS 92045-76-6 $9 \le x < 30$

EC INDEX -

CAS - $3 \le x < 9$

EC 914-460-3 INDEX -

REACH Reg. 01-2119480144-43-

0000

CAS - 3 ≤ x < 9 Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H335, STOT SE 3 H336,

Aquatic Chronic 2 H411

EC 918-668-5

INDEX 649-356-00-4

REACH Reg. 01-2119455851-35-

XXXX

CAS 63231-60-7 $1 \le x < 3$

EC INDEX -

REACH Reg. 01-2119495561-32-

0013

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

NOTE: The dearomatised white spirit present in this product is a UVCB (PrC3) complex, CAS n.a., EC 919-857-5, n. INDEX: n.a. ("C9-C11 hydrocarbons, n-alkanes, isoalkanes, cyclics, <2% aromatics" A complex and variable combination of paraffinic, cyclic and aromatic hydrocarbons, having carbon numbers predominantly in the range of C9-C11 and boiling point in the range 130 ° C - 210 ° C). Some manufacturers provide the following related CASs: 64742-48-9.

Note P of Annex 1 applies. Benzene concentration <0.1 & by weight.

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.

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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

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.

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

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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.

Storage class TRGS 510 (Germany):

3

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

EU OEL EU

RCP TLV

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 2006/15/EC; Directive 2006/EC; Directive 2006/EC; Directive 2006/EC; Directive 200

2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.

ACGIH TLVs and BEIs

Appendix H

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Threshold Limit Value								
Туре	Country	Country TWA/8h STEL/15min			Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm			
RCP TLV		1200	197					
Predicted no-effect concentration	on - PNEC							
Normal value in fresh water				NPI				
Normal value in marine water				NPI				
Normal value for fresh water se	diment			NPI				
Normal value for marine water s	sediment			NPI				
Normal value for water, intermit	tent release			NPI				
Normal value of STP microorga	nisms			NPI				
Normal value for the food chain	(secondary poison	ing)		NPI				
Normal value for the terrestrial of	compartment			NPI				
Normal value for the atmospher	е			NPI				
Health - Derived no-effect	level - DNEL / D 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				125 mg/kg bw/d		•		•
Inhalation				185 mg/m3 24h				871 mg/m3 8h
Skin				125 mg/kg bw/d				208 mg/kg bw/d
Threshold Limit Value								
Type Country		TWA/8h		STEL/15min		Remarks / Observation		
		mg/m3	ppm	mg/m3	ppm			
OEL	EU	100						
Health - Derived no-effect	level - DNEL / D 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				-,		-,		11 mg/kg bw/d
Inhalation				32 mg/m3				150 mg/m3
Skin				11 mg/kg				25 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.

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.

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HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

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).

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	Value	Information
Appearance	paste	
Colour	hazelnut	
Odour	characteristic of solvent	
Melting point / freezing point	Not available	
Initial boiling point	165 °C	
Boiling range	165-190 °C	
Flammability	Not available	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	23 ≤ T ≤ 60 °C	
Auto-ignition temperature	Not available	
рН	Not applicable	Reason for missing data:substance/mixture is non-soluble (in water)

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0,8 kg/l

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Kinematic viscosity > 20,5 mm2/sec (40°C)

Solubility insoluble in water

Partition coefficient: n-octanol/water Not available
Vapour pressure Not available

Relative vapour density

Not available

Particle characteristics

Not applicable

9.2. Other information

Density and/or relative density

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU) 73,87 % - 590,96 g/litre VOC (volatile carbon) 71,85 % - 574,80 g/litre

Explosive properties
Oxidising properties

SECTION 10. Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

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.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

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SECTION 11 Toxicological information

OLOTION 11. Toxicological information	
11.1. Information on hazard classes as defined in Regulation	on (EC) No 1272/2008
Inhalation: Inhalation of the vapors may cause drowsiness a vomiting and changes in consciousness. Ingestion: if accidentally ingested, the product can enter the lurunder medical supervision for 48 hours). Ingestion can cause g depression. Other adverse effects Vapor concentrations above the recommended exposure level an anesthetic effect and cause other central nervous system e	ause skin dryness or cracking. Eye Contact: Contact with eyes may cause irritation. and dizziness. It can cause irritation. Inhalation of vapors can cause headache, nausings due to its low viscosity and cause the rapid development of serious lung lesions (ke pastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous systems are irritating to the eyes and respiratory tract, can cause headache and dizziness, headache. Repeated and / or prolonged skin contact with low viscosity materials can degree Small amounts of fluid, aspirated into the lungs if swallowed or vomit, can cause chem
Metabolism, toxicokinetics, mechanism of action and other info	<u>rmation</u>
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	
ACUTE TOXICITY	
ATE (Inhalation) of the mixture: ATE (Oral) of the mixture: ATE (Dermal) of the mixture:	Not classified (no significant component) Not classified (no significant component) Not classified (no significant component)

Revision nr. 6 MARBEC S.R.L. Dated 09/03/2022 Printed on 09/03/2022 0030461 - ROYAL WAX Page n. 10/18 Replaced revision:5 (Dated: 09/10/2020) LD50 (Dermal): > 2000 mg/kg LD50 (Oral): > 5000 mg/kg LC50 (Inhalation vapours): > 9300 mg/l/4h LD50 (Dermal): > 2000 mg/kg > 2000 mg/kg LD50 (Oral): LC50 (Inhalation vapours): > 5 mg/l/4h SKIN CORROSION / IRRITATION Repeated exposure may cause skin dryness or cracking. Repeated exposure can cause skin dryness and cracking. Slightly irritating to the skin on prolonged exposure. SERIOUS EYE DAMAGE / IRRITATION Does not meet the classification criteria for this hazard class EYE CONTACT: May cause mild, short-term eye discomfort. Based on test data for materials of similar structure to OECD guideline 405. RESPIRATORY OR SKIN SENSITISATION Does not meet the classification criteria for this hazard class Respiratory sensitization Not assumed to be a respiratory sensitizer. Skin sensitization Not assumed to be a skin sensitizer to OECD 406 guidelines.

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GERM CELL MUTAGENICITY	
Does not meet the classification criteria for this hazard class	
The mutagenic potential of the substance has been extensively investigated in a range of in-vivo and in-vitro anal assumed that it is not a germ cell mutagenic agent. Based on test data for materials of similar structure to OECD guid	yzes. Genetic toxicity: negative. It is lelines 471 473 474 476 478 479.
CARCINOGENICITY	
Does not meet the classification criteria for this hazard class	
This product is not classified as a carcinogen. It is assumed that it does not cause cancer. Based on test data for m guideline 453.	aterials of similar structure to OECD
REPRODUCTIVE TOXICITY	
Does not meet the classification criteria for this hazard class	
No information available. It is assumed that it is not a toxic agent for reproduction. Based on test data for maguidelines 414 421 422.	terials of similar structure to OECD
Adverse effects on sexual function and fertility	
Information not available	
Adverse effects on development of the offspring	
The results of the studies on the substance related to developmental toxicity, dictated by the OECD guidelines, and same setting did not reveal any tissue in rats.	those of the screening studies in the
Effects on or via lactation	

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Lastation: Not avacated to be harroful to brocatfod infants	
Lactation: Not expected to be harmful to breastfed infants.	
STOT - SINGLE EXPOSURE	
May cause drowsiness or dizziness	
Single Exposure: May cause drowsiness and dizziness. This substance does not meet the EU criteria for classification	n.
<u>Target organs</u>	
Central nervous system	
Route of exposure	
Notice of exposure	
Information not available	
STOT - REPEATED EXPOSURE	
Does not meet the classification criteria for this hazard class	
Repeated Exposure: Not expected to cause organ damage following prolonged and repeated exposure. Based structure to OECD guideline 408 413 422. No known effects based on information provided.	on test data for materials of similar
structure to OECD guideline 408 413 422. No known effects based on information provided.	
<u>Target organs</u>	
Central nervous system.	
Route of exposure	
Information not available	

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ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: > 20,5 mm2/sec (40°C)

The fluid can enter the lungs and cause damage (chemical pneumonia, potentially fatal).

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

LC50 - for Fish	> 1000 mg/l/96h
EC50 - for Crustacea	> 1000 mg/l/48h
EC50 - for Algae / Aquatic Plants	> 1000 mg/l/72h

12.2. Persistence and degradability

Entirely degradable

Rapidly degradable

12.3. Bioaccumulative potential

12.4. Mobility in soil

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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.

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.

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG,

1263

IATA:

14.2. UN proper shipping name

ADR / RID: PAINT OF PAINT RELATED MATERIAL IMDG: PAINT OF PAINT RELATED MATERIAL IATA: PAINT OF PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR / RID:

Class: 3

Label: 3

IMDG:

Class: 3

Label: 3

IATA:

Class: 3

Label: 3



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14.4. Packing group

ADR / RID, IMDG, IATA:

Ш

14.5. Environmental hazards

ADR / RID: NO IMDG: NO IATA: NO

14.6. Special precautions for user

ADR / RID: HIN - Kemler: 30

Limited Quantities: 5 Tunnel restriction code: (D/E)

Special provision: -

IMDG: EMS: F-E, <u>S-E</u>

Limited Quantities: 5

ariuu

IATA: Cargo:

Maximum quantity: 220

Packaging instructions: 366

Pass.:

Special provision:

Maximum quantity: 60 L

Packaging instructions: 355

A3. A72.

A192

14.7. Maritime transport in bulk according to IMO instruments

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/EU: P5c

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

Product

Point 3 - 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

Not applicable

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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 ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

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
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.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.
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.

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)

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- 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 as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- 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. 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

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	Replaced revision:5 (Dated: 09/10/2020)		
ws and regulations. The producer is relieved from any liability arising from improper uses. ovide appointed staff with adequate training on how to use chemical products. ALCULATION METHODS FOR CLASSIFICATION lemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of emical-physical properties are reported in section 9. ealth 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 / 02 / 03 / 09 / 11 / 12 / 15 / 16.			