

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product name: SLIDE
Commercial code: 40.020
UFI code: 7410-H0YH-P00J-8GKU

1.2 Identified uses of the substance or mixture and uses advised against

Protective wax for inflatable boats, synthetic materials and painted surfaces

Sectors of use:

Professional use [SU22]

Product categories:

Protective for inflatable boats

Uses advised against

Do not use for uses other than those indicated

1.3 Details of the supplier of the safety data sheet

Company name: Silpar TK snc
Address: Via Rosa Luxemburg 12/14
10093 - Collegno (TO)
Telephone: +39 011 7791177
Fax: +39 011 7791177
Email: sicurezza@silpartkline.com

1.4 Emergency telephone number

CAVp "Osp. Pediatrico Bambino Gesù - Roma	Tel. +39 06 68593726
Az. Osp. Univ. Foggia	Tel. +39 0881 732326
Az. Osp. "A. Cardarelli" - Napoli	Tel. +39 081 7472870
CAV Policlinico "Umberto I" - Roma	Tel. +39 06 49978000
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Az. Osp. "Careggi" U.O. Tossicologia Medica - Firenze	Tel. +39 055 7947819
CAV Centro Nazionale di Informazione Tossicologica - Pavia	Tel. +39 0382 24444
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SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification according to Reg. EU n°1272/2008 [CLP]

Skin Sens. 1A H317

Aquatic Chronic 3 H412

2.2 Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements: H317 Può provocare una reazione allergica cutanea.

H412 Nocivo per gli organismi acquatici con effetti di lunga durata.

Precautionary statements:

- P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing / eye protection / face protection.
P302 + P352 IF ON SKIN: Wash with plenty of water
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/ national/international

Contains: 2-octyl-2H-isothiazol-3-one, Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1), Dinkum Oil.

2.3 Other hazards

Substance vPvB: None - Substance PBT: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N.A.

3.2 Mixtures

1.CAS 2.N° EC 3.N° Index 4.N° REACH	Name	Weight (%)	Classification 1272/2008 (CLP)
1. 68920-66-1 2. 500-236-9 3. Nota Available 4. Polimero, esente da registrazione REACH Art. 2(9)	Alcohols, C16-18 and C18 unsatd., Ethoxylated (> = 15 - <= 20 EO)	0-1	Aquatic Chronic 3 H412
1. 68920-66-1 2. Not Available 3. Not Available 4. Polimero, esente da registrazione REACH Art. 2(9)	Alcohols, C16-18 and C18 unsatd., ethoxylated (>10 - <15 EO)	0-1	Skin Irrit. 2 H315, Aquatic Chronic 3 H412
1. 8002-74-2 2. 232-315-6 3. Not Available 4. 01-2119488076-30-XXXX	Paraffin waxes and hydrocarbon waxes	0-1	Sostanza con un limite di esposizione professionale sul lavoro.
1. 26530-20-1 2. 247-761-7 3. 613-112-00-5 4. Not Available	2-octyl-2H-isothiazol-3-one	<0.1	Acute Tox. 3 H311 Acute Tox. 3 H331 Acute Tox. 4 H302 Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1A H317 Aquatic Acute 1 H400 M=10 Aquatic Chronic 1 H410 M=1
1. 55965-84-9 2. 611-341-5 3. 613-167-00-5 4. Not Available	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1)	<0.1	Acute Tox. 3 H301 Acute Tox. 2 H330 Acute Tox. 2 H310 Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
1. 8000-48-4 2. 283-406-2 3. Not Available 4. Not Available	Dinkum Oil	<0.1	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317

			Aquatic Chronic 2 H411 Aquatic Chronic 1 H410
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The full text of the H phrases is given in section 16 of the safety data sheet

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	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 contact	Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.
Ingestion	Get medical advice/attention. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.
Inhalation	Remove to open air. If unwell, contact a doctor.

4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances, see chap. 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water.

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 (H0 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

According to Regulation (EC) 1907/2006 – Regulation 878/2020

Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections

Refer to sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2 Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end use(s)

See section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Paraffin waxes and hydrocarbon waxes

TLV-ACGIH 2 mg / m³(TWA / 8h)

Derived No effect level (DNEL)

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> = 15 - <= 20 EO)

Dermal 2 080 mg / kg bw / day (Systemic, chronic)

Inhalation 294 mg / m³ (Systemic, chronic)

Dermal 1 250 mg / kg bw / day (Systemic, chronic)*

Inhalation 87 mg / m³ (Systemic, chronic)*

Oral 25 mg / kg bw / day (Systemic, chronic)*

* Values that refer to the population

Predicted No Effect Concentration (PNEC)

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> = 15 - <= 20 EO)

0.007 mg / L (Fresh water)

0.001 mg / L (Water - intermittent release)

0.1 mg / L (Marine water)

22.79 mg / kg sediment dw (Sediments (Fresh water))

2.28 mg / kg sediment dw (Sediments (Marine))

1 mg / kg soil dw (Soil)

10 g / L (STP)

2-octyl-2H-isothiazol-3-one

2.2 µg / L (Fresh water)

0.22 µg / L (Water - intermittent release)

1.22 µg / L (Sea water)

47.5 µg / kg sediment dw (Sediments (Fresh water))

4.75 µg / kg sediment dw (Sediments (Marine))

8.2 µg / kg soil dw (Soil)

8.2 Exposure controls

Hands protection

Protective gloves compliant with standard EN 374

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation.

In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

Respiratory protection

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type A filter combined with a type P filter should be worn (see standard EN 14387). 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.

In the event that the substance in question is odorless or its olfactory threshold is higher than the relative exposure limit and in case of emergency, or when the exposure levels are unknown or the concentration of oxygen in the work environment is less than 17% by volume, wear an open-circuit compressed air self-contained breathing apparatus (ref. standard EN 137) or respirator with external air intake for use with a full face mask, half mask or mouthpiece (ref. standard EN 138). Provide an eye wash and emergency shower system.

The product must be used in highly ventilated environments and in the presence of strong localized aspirations, otherwise use the personal protective equipment indicated

Eye and face protection

Wear protective goggles (see standard EN 166).

Body and skin protection:

Wear professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance:	Liquid
Colour:	White milk
Odour:	Eucalyptus
Odour threshold:	N.A.
pH:	7
Melting point/freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Flash point:	N.A.
Evaporation rate:	N.A.
Flammability (solid, gas):	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour pressure:	N.A.
Vapour density (Air=1):	N.A.
Relative density (Water=1):	1
Solubility(ies):	Soluble
Partition coefficient: n-octanol/water:	N.A.
Auto-ignition temperature (°C):	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	Non-explosive product
Oxidising properties:	N.A.

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.

10.2 Chemical stability

Too high temperatures can cause thermal decomposition.

10.3 Possibility of hazardous reactions

No dangerous reactions are expected

10.4 Conditions to avoid

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> 10 - <15 EO)

Keep away from: strong oxidizing agents.

10.5 Incompatible materials

Oxidizing or reducing agents. Strong acids or bases.

10.6 Hazardous decomposition products

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> 10 - <15 EO)

When heated to decomposition, it emits: toxic fumes, irritating vapors.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Unless otherwise specified, the data required by Regulation (EU) 878/2020 indicated below are to be understood N.A.:

(a) acute toxicity;

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> 10 - <15 EO)

LD50 (Oral) > 2000 mg / kg Rat - Source: CESIO

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> = 15 - <= 20 EO)

LD50 (Oral) > 2000 mg / kg Rat

Paraffin waxes and hydrocarbon waxes

LD50 (Oral) > 5000 mg / kg Rat

LD50 (Dermal) > 2000 mg / kg Rat

Dinkum Oil

LD50 Oral Rat: 2840 mg / Kg (RIFM) - 2800 mg / Kg (TDS)

LD50 Dermal Rabbit: > 5 g / Kg (RIFM).

(b) skin corrosion/irritation;

(c) serious eye damage/irritation;

(d) respiratory or skin sensitisation;

The product is classified Skin Sens. 1A H317

(e) germ cell mutagenicity;

(f) carcinogenicity;

(g) reproductive toxicity;

(h) STOT-single exposure;

(i) STOT-repeated exposure;

(j) aspiration hazard.

11.2 Information on other hazards

Information not available

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

1,2-benzisothiazol-3(2H)-one

LC50 - Fish 1,6 mg / l / 96h Oncorhynchus mykiss (OECD 203)

EC50 - Crustaceans 3,27 mg / l / 48h Daphnia Magna (OECD 202)

EC50 - Algae / Aquatic Plants 0.11 mg / l / 72h Selenastrum capricornutum (OECD 201)

Chronic NOEC Fish 0.21 mg / l Oncorhynchus mykiss (28 d - OECD 215)

Chronic NOEC Crustaceans 1,2 mg / l Daphnia Magna (21 d - OECD 211)

Chronic NOEC for Algae / Aquatic Plants 0.04 mg / l Selenastrum capricornutum (72 h - OECD 201)

According to Regulation (EC) 1907/2006 – Regulation 878/2020

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6](3: 1)

LC50 - Fish 0,22 mg / l / 96h Onchorhynchus mykiss (OECD 203)

EC50 - Crustaceans 0,1 mg / l / 48h Daphnia magna (OECD 202)

EC50 - Algae / Aquatic Plants 0.048 mg / l / 72h Pseudokirchneriella subcapitata (OECD201)

Chronic NOEC Fish 0.098 mg / l Onchorhynchus mykiss (28 d OECD 215)

Chronic NOEC Crustaceans 0.004 mg / l Daphnia magna (21 d OECD 211)

Chronic NOEC Algae / Aquatic Plants 0.0012 mg / l Pseudokirchneriella subcapitata (OECD 201)

2-octyl-2H-isothiazol-3-one

LC50 - Fish 0.036 mg / l / 96h Onchorhynchus mykiss (OECD 203)

EC50 - Crustaceans 0,42 mg / l / 48h Daphnia magna (OECD 202)

EC50 - Algae / Aquatic Plants 0.084 mg / l / 72h Desmodesmus subspicatus (OECD 201)

Chronic NOEC Fish 0.022 mg / l Onchorhynchus mykiss - 28 d (OECD 210)

Chronic NOEC Crustaceans 0.002 mg / l Daphnia magna - 21d (OECD 211)

Chronic NOEC for Algae / Aquatic Plants 0.004 mg / l Algae - 72h (OECD 201)

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> 10 - <15 EO)

Chronic NOEC Fish > 0.1 mg / l Carassius Auratus - Source: CESIO

Chronic NOEC Crustaceans > 0.1 mg / l Daphnie - Source: CESIO

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> = 15 - <= 20 EO)

Chronic NOEC Fish > 0.1 mg / l Carassius Auratus - Source: CESIO

Chronic NOEC Crustaceans > 0.1 mg / l Daphnie - Source: CESIO

Chronic NOEC Algae / Aquatic Plants > 0.1 mg / l Algae - Source: CESIO

Paraffin waxes and hydrocarbon waxes

LC50 - Fish > 100 mg / l / 96h Fish

Chronic NOEC Crustaceans 10 mg / l Daphnia

Chronic NOEC Algae / Aquatic Plants > 100 mg / l Algae (acute)

12.2 Persistence and degradability**1,2-benzisothiazol-3(2H)-one**

Rapidly degradable approx. 90% Zaha-Wellens test OECD 302 B

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6](3: 1)

Rapidly degradable > 60% - OECD 301D

2-octyl-2H-isothiazol-3-one

Rapidly degradable OECD 309

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> 10 - <15 EO)

Rapidly degradable Test: OECD 301 / F method - Duration: 28g>: 60% Notes: Easily biodegradable

Alcohols, C16-18 and C18 unsatd., Ethoxylated (> = 15 - <= 20 EO)

Rapidly degradable Test: OECD 301 / F method - Duration: 28g - 60%

12.3 Bioaccumulative potential**1,2-benzisothiazol-3(2H)-one**

Partition coefficient: n-octanol / water 0,7 Log Kow OECD 117

BCF 6.95 Fish (OECD 305)

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6](3: 1)

Partition coefficient: n-octanol / water <0.71 Log Kow OECD 117

BCF 3.16 Calculated value (S1177)

2-octyl-2H-isothiazol-3-one

Partition coefficient: n-octanol / water 2.92 Log Kow OECD 117

12.4 Mobility in soil

2-octyl-2H-isothiazol-3-one LOW (KOC = 2120)

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data 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. Avoid littering. Do not contaminate soil, sewers and waterways. 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**

N.A.

14.2 UN proper shipping name

N.A.

14.3 Transport hazard class(es)

N.A.

14.4 Packing group

N.A.

14.5 Environmental hazards

N.A.

14.6 Special precautions for user

N.A.

14.7 Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.**Seveso Category – Directive 2012/18/EC:

None

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

Point 3

Substances in Candidate List (Art. 59 REACH).

None.

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 carried out for the following contained substances:

SECTION 16: OTHER INFORMATION

Full text of H codes mentioned in sections 2 – 3

H226 Flammable liquid and vapor.
H301 Toxic if swallowed
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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.

Classification and procedure used to derive it according to regulation (EC) 1272/2008 [CLP] in relation to mixture:



Safety data sheet

SLIDE

According to Regulation (EC) 1907/2006 – Regulation 878/2020

Skin Sens. 1A H317 – Calculation method

Aquatic Chronic 3 H412 – Calculation method

Data of issue 05/02/2021

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Revision 5 of 02/01/2023

GENERAL BIBLIOGRAPHY

Regulation (EU) 1907/2006 of the European Parliament (REACH)
Regulation (EU) 1272/2008 of the European Parliament (CLP)
Regulation (EU) 2020/878 (Annex II REACH Regulation)
Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
Regulation (EU) 2016/1179 (IX Atp. CLP)
Regulation (EU) 2017/776 (X Atp. CLP)
Regulation (EU) 2018/669 (XI Atp. CLP)
Regulation (EU) 2019/521 (XII Atp. CLP)
Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
Regulation (EU) 2019/1148
Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)
Regulation (EU) 2020/878 of the European Parliament

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

ECHA website

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.

Difference with the previous version:

Sections: 01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16