

Information sheet for cosmetic products

This document must not be considered Safety Data Sheet according to art. 31 of Regulation (EC) no. 1907/2006 (REACH)

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

1.1. Product identifier.

Product name. The Rituals of Karma - Sun Protection Milky Spray SPF 30

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

Intended use. SUN PROTECTION

The product is considered "cosmetic product" under Directive 76/768/EEC and following amendments and adjustments.

1.3. Details of the distributer of the safety data sheet

Rituals Cosmetics Enterprise
P.O. Box 15500 | 1001 NA Amsterdam
Herengracht 541 | 1017 BW Amsterdam, The Netherlands
SDS Contact: qualityenquiries@rituals.com
Phone Number: +31 (0)20 333 91 00 (9:00-17:00)

1.4. Emergency telephone number

NVIC: +31 (0)88 755 8000: Only for the purpose of informing medical personnel in case of acute intoxications' or in Dutch

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

Cosmetics must not be classified according to the EC Regulation 1272/2008 (CLP) and following amendments and adjustments.

Danger Identification:

Pressurised container: may burst if heated.

Contains: 1-(1,2,3,1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE, BENZYL SALICYLATE, 2-(4-TERT-BUTYLBENZYL)PROPIONALDEHYDE. May produce an allergic reaction.

Warning

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

Do not pierce or burn, even after use.

Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.

Keep out of reach of children.

2.2. Label elements.

Cosmetics must not be labelled according to the EC Regulation 1272/2008 (CLP) and following amendments and adjustments.

This Information sheet has been written only as attachment to the Multimodal Dangerous Goods Form for the carriage of dangerous goods by sea.

2.3. Other hazards.

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



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SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

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

Identification.

Classification 1272/2008 (CLP).

OCTOCRILENE

CAS. 6197-30-4 $8 \le x < 9,5$ Aquatic Chronic 4 H413

EC. 228-250-8

INDEX. -

Reg. no. -

2-ETHYLHEXYL SALICYLATE

CAS. 118-60-5 $5 \le x < 6$ Skin Irrit. 2 H315

EC. 204-263-4

INDEX. -

1-[4-(1,1-DIMETHYLETHYL)PHENYL]-3-(4-METHOXYPHENYL)PROPANE-1,3-DIONE

CAS. 70356-09-1 $3 \le x < 3,5$ Aquatic Chronic 4 H413

EC. 274-581-6

INDEX. -

Reg. no. -

1-(1,2,3,1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE

CAS. 54464-57-2 EC. 259-174-3 $0,1 \le x < 0,2$

Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Acute 1 H400 M=1,

Aquatic Chronic 1 H410 M=1

INDEX. -Rea. no. -

BENZYL SALICYLATE

CAS. 118-58-1 0,1 \leq x < 0,2 Eye Irrit. 2 H319, Skin Sens. 1B H317, Aquatic Chronic 3 H412

EC. 204-262-9

INDEX. -

Reg. no. -

2-(4-TERT-BUTYLBENZYL)PROPIONALDEHYDE

CAS. 80-54-6 0,1 ≤ x < 0,2 Repr. 2 H361f, Acute Tox. 4 H302, Skin Irrit. 2 H315, Skin Sens. 1

EC. 201-289-8 H317, Aquatic Chronic 2 H411

INDEX. -Reg. no. -



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

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

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

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the 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.

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.

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. In the case of dispersed gas use breathing equipment and proper ventilation. 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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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. If the product is flammable, use explosion-proof equipment. 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.

Pressurized container. Do not pierce or burn the container or tamper with the valve, neither after use. Keep away from heat, sparks and open flames, do not smoke, use matches or lighters. Avoid bunching of electrostatic charges.

Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray. For the conditions to be avoided and incompatibilities refer to in Sections 10.4 and 10.5 of this safety data sheet.

7.2. Conditions for safe storage, including any incompatibilities.

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C/122°F, away from any combustion sources.

7.3. Specific end use(s).

Information not available

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

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. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

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 Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap



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and water after removing protective clothing.

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, 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.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance Fluid emulsion - Aerosol
Colour White - slightely yellow
Odour Characteristic of the perfume

Odour threshold. Not available. 5,3-6,3 (bulk) Melting point / freezing point. Not available. Initial boiling point. Not available Boiling range. Not available. Flash point. Not available. Not available. Evaporation Rate Flammability of solids and gases Not available. Lower inflammability limit. Not available. Upper inflammability limit. Not available. Lower explosive limit. Not available Upper explosive limit. Not available. Not available. Vapour pressure. Not available. Vapour density 0,95 - 1,005 g/ml Relative density. Solubility Not available. Partition coefficient: n-octanol/water Not available. Not available Auto-ignition temperature. Decomposition temperature. Not available Not available. Viscosity Explosive properties Not available. Oxidising properties Not available

9.2. Other information.

Dry matter 39 – 44 %

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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



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10.2. Chemical stability.

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

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

Avoid overheating (>50°C). Avoid exposure to sunlight.

10.5. Incompatible materials.

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

10.6. Hazardous decomposition products.

For combustion or in case of fire can be released vapors potentially dangerous to health.

SECTION 11. Toxicological information.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects.

Data available for the mixture:

ACUTE TOXICITY.

Does not meet the classification criteria for this hazard class. SKIN CORROSION / IRRITATION.

Does not meet the classification criteria for this hazard class. SERIOUS EYE DAMAGE / IRRITATION.

Does not meet the classification criteria for this hazard class. RESPIRATORY OR SKIN SENSITISATION.

Does not meet the classification criteria for this hazard class.

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.
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.

Data available for the substances in the mixture:

2-ETHYLHEXYL SALICYLATE

SKIN CORROSION/IRRITATION: skin irritant (Data available in the supplier safety data sheet)



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1-(1,2,3,1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE SKIN CORROSION/IRRITATION: skin irritant (Data available in the supplier safety data sheet)

RESPIRATORY OR SKIN SENSITISATION: skin sensitizing, (Data available in the supplier safety data sheet)

BENZYL SALICYLATE

RESPIRATORY OR SKIN SENSITISATION: skin sensitizing, mouse (according to OECD TG 429)

2-(4-TERT-BUTYLBENZYL)PROPIONALDEHYDE

ACUTE TOXICITY:

LD50 (Oral). 1390 mg/kg Rat (Method equivalent or similar to OECD Guideline 401; Data available in ECHA web site)
LD50 (Skin). > 2000 mg/kg Rat (Method equivalent or similar to OECD Guideline 402; Data available in ECHA web site)
SKIN CORROSION/IRRITATION: skin irritant, rabbit (Method: OECD Guideline 404; Data available in ECHA web site);

RESPIRATORY OR SKIN SENSITISATION: skin sensitizing; Data available in the supplier safety data sheet;

REPRODUCTIVE TOXICITY: NOAEL = 4,1 mg/kg/day (developmental toxicity), NOAEL = 4,1 mg/kg/day (maternal toxicity), rat (Method: OECD Guideline 414 in GLP, Data available in ECHA web site).

2-(4-TERT-BUTYLBENZYL)PROPIONALDEHYDE

LD50 (Oral) 1390 mg/kg Rat (equivalent or similar to OECD Guideline 401, ECHA website)

SECTION 12. Ecological information.

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

12.1. Toxicity.

2-ETHYLHEXYL SALICYLATE

LC50 - for Fish. > 82 mg/l/96h Danio rerio (OECD Guideline 203)
EC50 - for Crustacea. 10 mg/l/48h Daphnia magna (EU Method C.2)

EC50 - for Algae / Aquatic > 100 mg/l/72h Pseudokirchnerella subcapitata (OECD Guideline 201)

Plants.

Octocrilene

EC50 - for Algae / Aquatic > 220 mg/l/72h Desmodesmus subspicatus (OECD TG 201)

Plants.

Chronic NOEC for Algae / 100 mg/l Desmodesmus subspicatus (72 h, growth rate, OECD Guideline 201)

Aquatic Plants.

1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione

LC50 - for Fish. > 100 mg/l/96h (Cyprinus Carpio; OECD TG 203)
EC50 - for Crustacea. > 100 mg/l/48h (Daphnia Magna; OECD TG 202)

BENZYL SALICYLATE

LC50 - for Fish. 1,03 mg/l/96h Danio rerio (in accordo con il metodo EU C.1)
EC50 - for Crustacea. 1,16 mg/l/48h Daphnia magna (in accordo con OECD TG 202)

EC50 - for Algae / Aquatic 1,29 mg/l/72h Pseudokirchnerella subcapitata (in accordo con OECD TG 201)

Plants.

2-(4-TERT-BUTYLBENZYL)PROPIONALDEHYDE

LC50 - for Fish. 2,04 mg/l/96h Danio rerio (Metodo: OECD Guideline 203; Sito disseminazione ECHA)

EC50 - for Crustacea. 10,7 mg/l/48h Daphnia magna (Metodo: 79/831/EWG, Annex 5, Part C; Sito disseminazione

ECHA)



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EC50 - for Algae / Aquatic 29,155 mg/l/72h Scenedesmus subspicatus (Metodo: German standard DIN 38412, part 9;

Plants. Sito disseminazione ECHA)

12.2. Persistence and degradability.

2-ETHYLHEXYL SALICYLATE: Readily biodegradable (EU Method C.4-E)

1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione: not inherently biodegradable, 4% in 28 days (OECD Guideline 302 C) BENZYL SALICYLATE: Readily biodegradable (according to TG 301 F).

2-(4-TERT-BUTYLBENZYL)PROPIONALDEHYDE Rapidly biodegradable (OECD 301 B.)

12.3. Bioaccumulative potential.

Octocrilene - Species: Danio rerio, Exposure time: 28 d Bioconcentration factor (BCF): 915 (OECD TG 305) The product can accumulate in organisms. - Log Pow 6.1 (23 °C; OECD TG 117).

2-ETHYLHEXYL SALICYLATE

Partition coefficient: n- > 6 Log Kow (EU Method A.8)

octanol/water.

 $1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione \\ Partition coefficient: n- \\ 6,1 \ (20\ ^{\circ}C\ ; OECD\ TG\ 117) \\$

octanol/water.

BENZYL SALICYLATE

Partition coefficient: n- 4 (in accordo con OECD TG 117)

octanol/water.

12.4. Mobility in soil.

1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione Partition coefficient: 4,65 (EPA MPBPWIN v1.42)

soil/water.

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.



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SECTION 14. Transport information.

14.1. UN number.

ADR / RID, IMDG, 1950

IATA:

14.2. UN proper shipping name.

ADR / RID: AEROSOLS IMDG: AEROSOLS

IATA: AEROSOLS, NON-FLAMMABLE

14.3. Transport hazard class(es).

ADR / RID: Class: 2 Label: 2.2

IMDG: Class: 2 Label: 2.2

IATA: Class: 2 Label: 2.2



14.4. Packing group.

ADR / RID, IMDG,

IATA:

14.5. Environmental hazards.

ADR / RID: NO IMDG: NO IATA: NO

14.6. Special precautions for user.

ADR / RID: Limited Quantities: 1 L Tunnel restriction code: (E)

Special Provision: -

IMDG: EMS: F-D, S-U Limited Quantities: 1 L

IATA: Cargo: Maximum quantity: 150 Kg Packaging instructions: 203
Pass.: Maximum quantity: 75 Kg Packaging instructions: 203

Special Instructions: A98, A145, A167, A802



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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:

None

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

None.

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 authorisarion (Annex XIV REACH).

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Repr. 2 Reproductive toxicity, category 2

Acute Tox. 4 Acute toxicity, category 4

Eye Irrit. 2 Eye irritation, category 2

Skin Irrit. 2 Skin irritation, category 2

Skin Sens. 1 Skin sensitization, category 1

Skin Sens. 1B Skin sensitization, category 1B

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

Aquatic Chronic 3 Hazardous to the aquatic environment, chronic toxicity, category 3

Aquatic Chronic 4 Hazardous to the aquatic environment, chronic toxicity, category 4

H361f Suspected of damaging fertility.

H302 Harmful if swallowed.



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H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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.
 H413 May cause long lasting harmful effects to aquatic life.

EUH210 Safety data sheet available on request.

I EGEND:

- 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 (EU) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- 4. 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
- 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



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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 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.

Changes to previous review: The following sections were modified: 01 / 02 / 05 / 06 / 07 / 08 / 09 / 10 / 13 / 14.