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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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

1.1. Product identifier

Trade name/designation:

RAVENOL SSH SAE 0W-30

Article No.:

1111138

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

Use of the substance/mixture: Lubricant

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor): Ravensberger Schmierstoffvertrieb GmbH

Jöllenbecker Str. 2 33824 Werther Germany

Telephone: +49 5203 9719 0 **Telefax:** +49 5203 9719 40

E-mail: kontakt@ravenol.de

Website: www.ravenol.de

E-mail (competent person): technik@ravenol.de

1.4. Emergency telephone number

Abt. Technik (Produktsicherheit), 24h: +49 700 24 112 112 (Company ID: RAV) (outside USA/Canada) 011 49 700 24 112 112 (Company ID: RAV) (inside USA/Canada), +49 5203 9719 0 (Mo-Do 7.30 Uhr - 16.30 Uhr, Fr 7.30 Uhr - 13.15 Uhr) (Only available during office hours.)

SECTION 2: Hazards identification

* 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories | | Classification pro cedure |
|--|--|------------------------------|
| Hazardous to the aquatic environment (Aquatic Chronic 3) | H412: Harmful to aquatic life with long lasting effects. | Calculation method. |

* 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

Phenol, dodecyl-, branched

| Hazard state | Hazard statements for environmental hazards | | | | |
|--------------|---|--|--|--|--|
| H412 | Harmful to aquatic life with long lasting effects. | | | | |
| C | | | | | |
| Supplementa | al hazard information | | | | |
| EUH208 | Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts. May produce an allergic reaction. | | | | |
| EUH210 | Safety data sheet available on request. | | | | |
| Precautionar | y statements Prevention | | | | |
| P273 | Avoid release to the environment. | | | | |
| Precautionar | Precautionary statements Disposal | | | | |
| P501 | Dispose of contents/container to an appropriate recycling or disposal facility. | | | | |
| | | | | | |
| | | | | | |

| Safety Data Sheet accordin | g to Regulation | (EC) No. | 1907/2006 | (REACH) |
|------------------------------|-----------------|----------|-----------|---------|
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2.3. Other hazards

Other adverse effects:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

* 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

| product identifiers | Substance name Classification according to Regulation (EC) No 1272/2008 [CLP] | Concen- tration |
|---|---|-----------------------|
| CAS No.: 722503-68-6 EC No.: 682-816-2 | Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts Skin Sens. 1B Warning H317 | 0 - < 0.5 weight-% |
| CAS No.: 121158-58-5 EC No.: 310-154-3 REACH No.: 01-2119513207-49 | Phenol, dodecyl-, branchedAquatic Acute 1, Aquatic Chronic 1, Eye Dam. 1, Repr. 1B,Skin Corr. 1CImage: Skin Corr. 1CImage: Chronic Damper H314-H360F-H410 M-factor (acute): 10 M-factor (chronic): 10 | 0 - < 0.5 weight-% |

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. Consult a doctor immediately.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor immediately.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Rinse mouth thoroughly with water. Do NOT induce vomiting. Consult a doctor immediately.

Self-protection of the first aider:

Use personal protection equipment. No direct artificial respiration to be given by first aider.

4.2. Most important symptoms and effects, both acute and delayed May produce an allergic reaction.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. Observe risk of aspiration if vomiting occurs.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings. Carbon dioxide (CO2)

Extinguishing powder

alcohol resistant foam

Use water spray jet to protect personnel and to cool endangered containers.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

During heating or in case of fire, toxic gases is possible. The formation of combustible vapours is possible at temperatures above: Flash point When hot, product develops flammable vapours.

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Hazardous combustion products:

Carbon monoxide, Carbon dioxide (CO2), Nitrogen oxides (NOx), Gases/vapours, toxic During heating or in case of fire, toxic gases is possible.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

5.4. Additional information

Do not inhale explosion and combustion gases. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

* 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Protective equipment:

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

Emergency procedures:

Eliminate all ignition sources if safe to do so. Remove persons to safety. Provide adequate ventilation.

6.1.2. For emergency responders

Personal protection equipment:

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment:

*

Suitable material for taking up: Sand, Kieselguhr, Universal binder, Chemical binding agents, containing acids

Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up:

Remove from the water surface (e.g. skimming, sucking). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Other information:

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

6.5. Additional information

Clear spills immediately. Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

* 7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Clear spills immediately. Use appropriate container to avoid environmental contamination.

Fire prevent measures:

No special fire protection measures are necessary.

Environmental precautions:

Shafts and sewers must be protected from entry of the product.

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Advices on general occupational hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels:

Suitable container/equipment material: Floors should be impervious, resistant to liquids and easy to clean. Shafts and sewers must be protected from entry of the product. Keep/Store only in original container.

Hints on storage assembly:

not required

Storage class: 10 – Combustible liquids that cannot be assigned to any of the above storage classes **Further information on storage conditions:**

Store in a cool dry place. Keep away from heat.

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

* 8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

| Substance name | DNEL value | ① DNEL type |
|--|-------------------------|--|
| | | ② Exposure route |
| Phenol, dodecyl-, branched | 44.18 mg/m ³ | ① DNEL worker |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | ② Acute - inhalation, systemic effects |
| Phenol, dodecyl-, branched | 0.25 mg/kg | ① DNEL worker |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | ② Long-term - dermal, systemic effects |
| Phenol, dodecyl-, branched | 166 mg/kg | ① DNEL worker |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | ② Acute – dermal, systemic effects |
| Substance name | PNEC Value | ① PNEC type |
| Phenol, dodecyl-, branched CAS No.: 121158-58-5 | 0.074 μg/l | ① PNEC aquatic, freshwater |
| EC No.: 310-154-3 | | |
| Phenol, dodecyl-, branched | 0.0074 μg/l | ① PNEC aquatic, marine water |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | |
| Phenol, dodecyl-, branched | 100 mg/l | ① PNEC sewage treatment plant |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | |
| Phenol, dodecyl-, branched | 0.226 mg/kg | ① PNEC sediment, freshwater |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | |
| Phenol, dodecyl-, branched | 0.0266 mg/ | ① PNEC sediment, marine water |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | kg | |
| Phenol, dodecyl-, branched | 0.37 μg/l | ① PNEC aquatic, intermittent release |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | | |

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8.2. Exposure controls

*

8.2.1. Appropriate engineering controls

See section 7. No additional measures necessary.

8.2.2. Personal protection equipment



Eye/face protection:

During transfer: Eye glasses with side protection Wear eye/face protection. DIN EN 166

Skin protection:

Hand protection Suitable material: NBR (Nitrile rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber)

Thickness of the glove material: >= 0.4 mm

Breakthrough time: 480 min

Breakthrough times and swelling properties of the material must be taken into consideration.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Tested protective gloves must be worn: EN ISO 374

Suitable protective clothing: Protective clothing

Respiratory protection:

Usually no personal respirative protection necessary.

8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid Odour: not determined

Colour: tawny

Safety relevant basis data

| parameter | | at °C | Method | Remark |
|---|---|-------|--------|--------|
| рН | 6.5 | 20 °C | | |
| Melting point | not determined | | | |
| Freezing point | not determined | | | |
| Initial boiling point and boiling range | not determined | | | |
| Decomposition temperature | not determined | | | |
| Flash point | 232 °C | | | |
| Evaporation rate | not determined | | | |
| Auto-ignition temperature | not determined | | | |
| Upper/lower flammability or explosive limits | not determined | | | |
| Vapour pressure | not determined | | | |
| Vapour density | not determined | | | |
| Density | 847 kg/m ³ | 15 °C | | |
| Bulk density | not determined | | | |
| Water solubility | The study does not need to be conducted because the substance is known to be insoluble in water. | | | |

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| parameter | 1 | at °C | Method | Remark |
|--|----------------|-------|--------|--------|
| Partition coefficient: n-octanol/ water | not determined | | | |
| Dynamic viscosity | not determined | | | |
| Kinematic viscosity | 66 mm²/s | 40 °C | | |

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No known hazardous reactions. Risk of explosion if heated under confinement.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

To avoid thermal decomposition do not overheat.

10.5. Incompatible materials

Materials to avoid: Acid, Oxidizing agent, Reducing agent

10.6. Hazardous decomposition products

Hazardous combustion products: Carbon dioxide Carbon monoxide Nitrogen oxides (NOx)

Further information

*

No information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Substance name | Toxicological information | |
|---|---|--|
| Phenol, dodecyl-, branched CAS No.: 121158-58-5 EC No.: 310-154-3 | LD ₅₀ oral: 2,100 – 2,200 mg/kg (rat) | |
| | LD ₅₀ dermal: 15,000 mg/kg (rabbit) | |

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

No information available for acute dermal and inhalative toxicity.

Acute inhalation toxicity:

No information available for acute dermal and inhalative toxicity.

Skin corrosion/irritation:

Frequently or prolonged contact with skin may cause dermal irritation.

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:

Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts. May produce an allergic reaction.

Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

Carcinogenicity:

No indication of human carcinogenicity.

Reproductive toxicity:

No indications of human reproductive toxicity exist.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

| Safety Data Sheet accordin | g to Regulation | (EC) No. 19 | 07/2006 (REACH) |
|------------------------------|-----------------|-------------|-----------------|
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Aspiration hazard:

Observe risk of aspiration if vomiting occurs. **Additional information:**

No data available

SECTION 12: Ecological information

* 12.1. Toxicity

| Substance name | Toxicological information |
|---|--|
| Distillates (petroleum), hydrotreated heavy paraffinic; | LC ₅₀ : 100 mg/l 4 d (fish) |
| Base oil - not specified CAS No.: 64742-54-7 | NOEC: 100 mg/l 4 d (fish) |
| EC No.: 265-157-1 | EC ₅₀ : 10,000 mg/l 2 d (crustaceans) |
| | LC₅₀: 10,000 mg/l 4 d (crustaceans) |
| | NOEC: 100 mg/l 3 d (Algae/water plant) |
| Phenol, dodecyl-, branched | LC ₅₀ : ≥40 mg/l 2 d (fish) |
| CAS No.: 121158-58-5 EC No.: 310-154-3 | LC ₅₀ : ≥0.58 – 0.58 mg/l 4 d (crustaceans) |
| | NOEC: ≥0.07 mg/l 3 d (Algae/water plant) |

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

Assessment/classification:

The product has not been tested.

Additional ecotoxicological information: Do not allow uncontrolled discharge of product into the environment.

* 12.2. Persistence and degradability

Biodegradation:

Not readily biodegradable (according to OECD criteria)

* 12.3. Bioaccumulative potential

| Substance name | Log K _{OW} | Bioconcentration factor (BCF) |
|----------------------------|---------------------|-------------------------------|
| Phenol, dodecyl-, branched | 7.14 | |
| CAS No.: 121158-58-5 | | |
| EC No.: 310-154-3 | | |

Accumulation / Evaluation:

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

* 12.5. Results of PBT and vPvB assessment

| Substance name | Results of PBT and vPvB assessment |
|--|--|
| Distillates (petroleum), hydrotreated heavy paraffinic; Base oil - not specified CAS No.: 64742-54-7 EC No.: 265-157-1 | The substance in the mixture does not meet the PBT/ vPvB criteria according to REACH, annex XIII. |
| Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts CAS No.: 722503-68-6 EC No.: 682-816-2 | The substance in the mixture does not meet the PBT/ vPvB criteria according to REACH, annex XIII. |
| Phenol, dodecyl-, branched CAS No.: 121158-58-5 EC No.: 310-154-3 | The substance in the mixture does not meet the PBT/ vPvB criteria according to REACH, annex XIII. |

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

The product has not been tested.

SECTION 13: Disposal considerations

* 13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

| Safety Data Sheet accordi | ng to Regulation (E | C) No. 1907/2 | 006 (REACH) |
|---------------------------|---------------------|---------------|-------------|
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13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code packaging:

Remark:

Dispose of waste according to applicable legislation.

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Non-contaminated packages may be recycled.

13.2. Additional information

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

| Land transport (ADR/ RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO- TI / IATA-DGR) |
|------------------------------|--------------------------------|----------------------|--|
| | | | |

* | 14.1. UN-No.

*

*

| No dangerous good | No dangerous good | No dangerous good | No dangerous good |
|------------------------|------------------------|------------------------|------------------------|
| in sense of these |
| transport regulations. | transport regulations. | transport regulations. | transport regulations. |
| | 3 | · | |

14.2. UN proper shipping name

| No dangerous good in sense of |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| these transport regulations. | these transport regulations. | these transport regulations. | these transport regulations. |
| | | | |

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code No transport as bulk according to IBC Code.

SECTION 15: Regulatory information

* 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/ EEC) for expectant or nursing mothers.

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|---|--|
| Störfallverordnung | |
| for substances contained in the product: This product is not assigned to a hazard category. E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1 | |
| Technische Anleitung Luft (TA-Luft) | |
| Remark: To follow: 5.2.5 | |
| Water hazard class WGK: 2 - deutlich wassergefährdend Source: Self-classification (mixture; calculation rule). | |
| Identification number 436 | |
| Technische Regeln für Gefahrstoffe TRGS 510 TRGS 500 | |
| Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften) Berufsgenossenschaftliche Informationen (DGUV-Informationen) 868 Berufsgenossenschaftliche Regeln (DGUV-Regeln) 189, 190, 192, 195 | |
| Other regulations, restrictions and prohibition regulations Altöl-Verordnung (AltölV) | |
| [DK] National regulations | |
| Other regulations, restrictions and prohibition regulations Lister over stoffer og processer, der anses for at være kræftfremkaldende | |
| FR] National regulations | |
| Other regulations, restrictions and prohibition regulations Tableaux de maladies professionnelles Nomenclature des installations classées pour la protection de l'environnement | |
| [NL] National regulations | |
| Other regulations, restrictions and prohibition regulations Lijst van kankerverwekkende, mutagene, en voor de voortplanting giftige stoffen SZW Algemeene beoordelingsmethodiek Water (ABM) Nederlandse emissierichtlijn (NeR) | |
| | |
| Other regulations, restrictions and prohibition regulations Mengenschwelle (Schweiz - StFV) Gefahrencode Brandverhütung, BVD (Schweiz) | |
| 15.2. Chemical Safety Assessment Chemical safety assessments for substances in this mixture were not carried out. | |
| SECTION 16: Other information | |
| 16.1. Indication of changes | |
| 2.1. Classification of the substance or mixture | |
| 2.2. Label elements | |
| 3.2. Mixtures 4.1. Description of first aid measures | |
| 4.1. Description of first ald measures 4.2. Most important symptoms and effects, both acute and delayed | |
| 6.1. Personal precautions, protective equipment and emergency procedures | |
| 6.3. Methods and material for containment and cleaning up | |
| 7.1. Precautions for safe handling | |
| 8.1. Control parameters | |
| 8.2. Exposure controls | |
| 9.1. Information on basic physical and chemical properties | |

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| 10.6. | Hazardous decomposition products |
|-------|--|
| 12.1. | Toxicity |
| 12.2. | Persistence and degradability |
| 12.3. | Bioaccumulative potential |
| 12.5. | Results of PBT and vPvB assessment |
| 13.1. | Waste treatment methods |
| 14.1. | UN number |
| 14.2. | UN proper shipping name |
| 14.7. | Transport in bulk according to Annex II of Marpol and the IBC Code |
| 15.1. | Safety, health and environmental regulations/legislation specific for the substance or mixture |
| 16.1. | Indication of changes |
| 16.4. | Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP] |
| 16.5. | Relevant R-, H- and EUH-phrases (Number and full text) |

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3. Key literature references and sources for data

67/548/EEC - Dangerous Substances Directive 1999/45/EEC - Dangerous Preparations Directive EC 1907/2006 - REACH Regulation 1272/2008 EC - Regulation on classification, labeling and packaging of substances and mixtures, and amending Directives 67/548/EEC and 1999/45/EC and Regulation (EC) No 1907/2006 Regulation (EC) No 1907/2006 (REACH), Annex II European Chemicals Agency (ECHA), C & L classification and labeling inventory European Chemicals Agency (ECHA), ECHA CHEM Registered substances OECD The Global Portal to Information on Chemical Substances (ChemPortal) Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA): GESTIS substance database and International limit values for chemical substances Federal Environment Agency, Section IV 2.4: Documentation and Information Centre substances hazardous to water Rigoletto (catalog substances hazardous to water)

* 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

| Hazard classes and hazard categories | | Classification pro cedure |
|--|--|---------------------------|
| Hazardous to the aquatic environment (Aquatic Chronic 3) | H412: Harmful to aquatic life with long lasting effects. | Calculation method. |

* 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements | |
|-------------------|---|
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H360F | May damage fertility. |
| H410 | Very toxic to aquatic life with long lasting effects. |

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

* Data changed compared with the previous version