

Ramsauer GmbH & Co KG
5350 Strobl / Wolfgangsee

Date printed 19.02.2025, Revision 19.02.2025

Version 6.0

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

1.1 Product identifier

Oberflächenreiniger 502

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

1.2.1 Relevant uses

Cleaning agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Ramsauer GmbH & Co KG
Alte Bundesstraße 147
5350 Strobl / Wolfgangsee / AUSTRIA
Phone +43 (0)6135 8205 0
Fax +43 (0)6135 8205-250
Homepage www.ramsauer.eu
E-mail office@ramsauer.eu

Address enquiries to

Technical information

office@ramsauer.eu

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)
Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

+43 (0) 1 406 43 43 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 3: H226 Flammable liquid and vapour.
STOT SE 3: H335 May cause respiratory irritation.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.
STOT SE 3: H336 May cause drowsiness or dizziness.
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms



Signal word

DANGER

Contains:

Hydrocarbons, C9, aromatics
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements

H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor / ...
P331 Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with local/national regulation.

Special labelling

EUH066 Repeated exposure may cause skin dryness or cracking.

Cleaner, 648/2004/CE, contains:

>=30% hydrocarbons aliphatic/aromatic

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2.3 Other hazards

| | |
|-----------------------|--|
| Human health dangers | If swallowed or in the event of vomiting, risk of product entering the lungs. Contains no ingredients with endocrine-disrupting properties. |
| Environmental hazards | Does not contain any PBT or vPvB substances. |
| Other hazards | Contains no ingredients with endocrine-disrupting properties. |

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

| Range [%] | Substance |
|-----------|---|
| 40 - <60 | Hydrocarbons, C9, aromatics CAS: 128601-23-0, EINECS/ELINCS: 918-668-5, Reg-No.: 01-2119455851-35-XXXX GHS/CLP: Flam. Liq. 3: H226 - Asp. Tox. 1: H304 - STOT SE 3: H335 - STOT SE 3: H336 - Aquatic Chronic 2: H411 - EUH066 |
| 30 - <50 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX GHS/CLP: Asp. Tox. 1: H304 - EUH066 |

Comment on component parts

For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|---------------------|---|
| General information | Take off contaminated clothing and wash before reuse. |
| Inhalation | Ensure supply of fresh air. In the event of symptoms seek medical treatment. |
| Skin contact | In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Seek medical advice immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink. |

4.2 Most important symptoms and effects, both acute and delayed

Headache
Irritant effects
Nausea, vomiting.
Vertigo

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in the event of vomiting, risk of product entering the lungs.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

| | |
|---|---|
| Suitable extinguishing media | Foam. Dry powder. Water spray jet. Carbon dioxide. |
| Extinguishing media that must not be used | Full water jet. |

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5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:

Carbon monoxide (CO)

Not combusted hydrocarbons.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Cool containers at risk with water spray jet.

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.

Ensure adequate ventilation.

Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

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

Do not discharge into the drains/surface waters/groundwater.

In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand).

Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use solvent-resistant equipment.

Provide good room ventilation even at ground level (vapours are heavier than air).

Keep away from all sources of ignition - Refrain from smoking.

Take precautionary measures against static discharges.

Ignitable mixtures can be formed in the empty container.

Vapours can form an explosive mixture with air.

Use explosion-proofed equipment/fittings and non-sparking tools.

Ground/bond container and receiving equipment.

Do not eat, drink, smoke or take drugs at work.

Take off contaminated clothing and wash before reuse.

Wash hands before breaks and after work.

Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Keep only in original container.

Prevent penetration into the ground.

Provide floor with bunding.

Do not store together with oxidizing agents.

Keep container tightly closed.

Keep container in a well-ventilated place.

Protect from heat/overheating.

Storage class (TRGS 510)

Storage class 3 (TRGS 510)

7.3 Specific end use(s)

See product use, SECTION 1.2

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored DE (TRGS 900)

| |
|--|
| Substance |
| Hydrocarbons, C9, aromatics |
| CAS: 128601-23-0, EINECS/ELINCS: 918-668-5, Reg-No.: 01-2119455851-35-XXXX |
| Exposure limit: 100 mg/m³, AGW |
| Factor: 2 (II) |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX |
| Exposure limit: 300 mg/m³, TRGS 900; Nr. 2,9; Kohlenwasserstoffgemische |

Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

DNEL

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| There are no DNEL values established for the substance. |
| Hydrocarbons, C9, aromatics, CAS: 64742-95-6 |
| Industrial, dermal, Long-term - systemic effects, 25 mg/kg bw/day |
| Industrial, inhalative (vapor), Long-term - systemic effects, 150 mg/m³ |
| general population, inhalative (vapor), Long-term - systemic effects, 32 mg/m³ |
| general population, dermal, Long-term - systemic effects, 11 mg/kg bw/day |
| general population, oral, Long-term - systemic effects, 11 mg/kg bw/day |

PNEC

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| There are no PNEC values established for the substance. |

8.2 Exposure controls

| | |
|--|--|
| Additional advice on system design | Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. |
| Eye protection | Safety glasses. (EN 166:2001) |
| Hand protection | 0,7 mm; Viton, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information. |
| Skin protection | Protective clothing (EN 340) |
| Other | Avoid contact with eyes and skin. Do not inhale gases/vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. |
| Respiratory protection | In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387) |
| Thermal hazards | no |
| Delimitation and monitoring of the environmental exposition | Protect the environment by applying appropriate control measures to prevent or limit emissions. |

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|---------------------------|
| Physical state | liquid |
| Form | liquid |
| Color | colourless |
| Odor | characteristic |
| Odour threshold | not determined |
| pH-value | not applicable |
| pH-value [1%] | not applicable |
| Boiling point or initial boiling point and boiling range [°C] | > 155 |
| Flash point [°C] | > 41 |
| Flammability | > 200 |
| Lower explosion limit | ca. 0,6 Vol.-% |
| Upper explosion limit | ca. 7,0 Vol.-% |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | ca. 0,2 (20°C) |
| Density [g/cm³] | ca. 0,83 |
| Relative density | not determined |
| Bulk density [kg/m³] | not applicable |
| Solubility in water | virtually insoluble |
| Solubility other solvents | No information available. |
| Partition coefficient n-octanol/water (log value) | not determined |
| Kinematic viscosity | < 7 mm²/s (40 °C) |
| Relative vapour density | not determined |
| Melting point [°C] | not determined |
| Auto-ignition temperature [°C] | not applicable |
| Decomposition temperature [°C] | not determined |
| Particle characteristics | not applicable |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.
Violent reaction under influence of oxidising agents.

10.4 Conditions to avoid

See SECTION 7
Strong heating.

10.5 Incompatible materials

Strong oxidizing agent.

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10.6 Hazardous decomposition products

Flammable gases/vapours.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

| |
|--|
| Product |
| oral, Based on the available information, the classification criteria are not fulfilled. |
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| LD50, oral, Rat, 5000 - 15000 mg/kg bw |
| Hydrocarbons, C9, aromatics, CAS: 64742-95-6 |
| LD50, oral, Rat, 3592 mg/kg bw, OECD 401 |

Acute dermal toxicity

| |
|--|
| Product |
| dermal, Based on the available information, the classification criteria are not fulfilled. |
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| LD50, dermal, Rat, >2000 mg/kg bw |
| LD50, dermal, Rabbit, 3160 - 5000 mg/kg bw |
| Hydrocarbons, C9, aromatics, CAS: 64742-95-6 |
| LD50, dermal, Rabbit, 3160 mg/kg bw, OECD 402, 24h |

Acute inhalational toxicity

| |
|--|
| Product |
| inhalative, Based on the available information, the classification criteria are not fulfilled. |
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| LC50, inhalative, Rat, 5 mg/L air, 8h |
| LC50, inhalative, Rat, 41 - 4467 ppm, 8h |
| LC50, inhalative, Rat, 4,951 - 9,3 mg/L air, 4h |
| Hydrocarbons, C9, aromatics, CAS: 64742-95-6 |
| LC50, inhalative, Rat, 6193 mg/L, OECD 403, 4h |

Serious eye damage/irritation

Does not contain a relevant substance that meets the classification criteria.

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| Eye, no adverse effect observed |

Skin corrosion/irritation

Does not contain a relevant substance that meets the classification criteria.

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| dermal, no adverse effect observed |
| Hydrocarbons, C9, aromatics, CAS: 64742-95-6 |
| Rabbit, OECD 404, non-irritating |

Respiratory or skin sensitisation

Does not contain a relevant substance that meets the classification criteria.

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| dermal, non-sensitizing |

Specific target organ toxicity —

Based on the available information, the classification criteria are fulfilled.

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single exposure

Toxicological data of complete product are not available.
May cause respiratory irritation.
Vapours may cause drowsiness and dizziness.
Calculation method

Specific target organ toxicity — repeated exposure

Does not contain a relevant substance that meets the classification criteria.

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| NOAEL, oral, Rat, 500 mg/kg bw/day |
| NOAEL, dermal, Rabbit, 2000 mg/kg bw/day |
| NOAEC, inhalative, mouse, 11600 mg/m ³ |
| NOAEC, inhalative, Rat, 6000 mg/m ³ |

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| in vitro, negativ |
| in vivo, negativ |

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria.

- Fertility

No information available.

- Development

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| NOAEC, inhalative, Rat, 5220 mg/m ³ |

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard

Based on the available information, the classification criteria are fulfilled.
 $v < 20,5 \text{ mm}^2/\text{s}$ (40 °C)
May be fatal if swallowed and enters airways.

General remarks

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

11.2.2 Other information

none

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SECTION 12: Ecological information

12.1 Toxicity

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| EL50, (72h), Algae, 1 g/L |
| NOELR, (72h), Algae, 1 g/L |
| NOELR, (28d), Fish, 101 µg/L |
| LL50, (96h), Fish, 1 g/L |
| LL50, (72h), Fish, 1 g/L |
| LL50, (48h), Fish, 1 g/L |
| LL50, (24h), Fish, 1 g/L |
| LL50, (24h), Invertebrates, 1 g/L |
| LL50, (48h), Invertebrates, 1 g/L |
| LL50, (72h), Invertebrates, 1 g/L |
| LL50, (96h), Invertebrates, 1 g/L |
| LL0, (96h), Fish, 1 g/L |
| LL0, (24h), Invertebrates, 1 g/L |
| Hydrocarbons, C9, aromatics, CAS: 64742-95-6 |
| LC50, (96h), Oncorhynchus mykiss, 9,22 mg/L (IUCLID) |
| EC50, (48h), Daphnia magna, 6,14 mg/L (IUCLID) |
| EC50, (72h), Selenastrum capricornutum, 56 mg/L (IUCLID) |

12.2 Persistence and degradability

| | |
|---------------------------------------|--|
| Behaviour in environment compartments | not determined |
| Behaviour in sewage plant | not determined |
| Biological degradability | No surfactants are contained. The product is readily biodegradable. |

| |
|--|
| Substance |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9 |
| (28d), >= 60 %, OECD 301 F |

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.
Ecological data of complete product are not available.
Do not discharge product unmonitored into the environment.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Disposal in an incineration plant in accordance with the regulations of the local authorities.
Dispose of as hazardous waste.

Waste no. (recommended)

200113*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Uncontaminated packaging may be taken for recycling.

Waste no. (recommended)

150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID 3295

Inland navigation (ADN) 3295

Marine transport in accordance with IMDG 3295

Air transport in accordance with IATA 3295

14.2 UN proper shipping name

Transport by land according to ADR/RID Hydrocarbons, liquid, n.o.s (Hydrocarbons, C9, aromatics)

- Classification Code

F1

- Label



- ADR LQ

5 I

- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 3 (E)

Inland navigation (ADN)

Hydrocarbons, liquid, n.o.s (Hydrocarbons, C9, aromatics)

- Classification Code

F1

- Label



Marine transport in accordance with IMDG

Hydrocarbons, liquid, n.o.s.(Hydrocarbons, C9, aromatics)

- EMS

F-E, S-D

- Label



- IMDG LQ

5 I

Air transport in accordance with IATA Hydrocarbons, liquid, n.o.s.(Hydrocarbons, C9, aromatics)

- Label



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14.3 Transport hazard class(es)

Transport by land according to ADR/RID 3 (N)

Inland navigation (ADN) 3 (N)

Marine transport in accordance with IMDG 3

Air transport in accordance with IATA 3

14.4 Packing group

Transport by land according to ADR/RID III

Inland navigation (ADN) III

Marine transport in accordance with IMDG III

Air transport in accordance with IATA III

14.5 Environmental hazards

Transport by land according to ADR/RID yes

Inland navigation (ADN) yes

Marine transport in accordance with IMDG MARINE POLLUTANT

Air transport in accordance with IATA yes

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

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SECTION 15: Regulatory information

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

EEC-REGULATIONS

2008/98/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707

- Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

- Annex XIV (REACH)

According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq 0.1\%$ that are subject to authorisation.

- Annex XVII (REACH)

According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains $\geq 0.1\%$ of substances with the following restrictions. 40

According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is subject to the following restrictions. 3

TRANSPORT-REGULATIONS

ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025)

NATIONAL REGULATIONS (DE):

Hazardous Substances Ordinance - GefStoffV 21.07.2021; Detergent and Cleaning Agents Act - WRMG; Federal Water Act - WHG; Technical Rule for Hazardous Substances - TRGS: 200, 220, 615, 900, 905.

- Water hazard class

2, conf. AwSV, 18.04.2017

- Decree for case of interference, observe limits

yes

- Class. according to TA-Luft

5.2.5.

- Storage class (TRGS 510)

Storage class 3 (TRGS 510)

- Observe employment restrictions for people

Observe employment restrictions for young people.

- VOC (2010/75/CE)

100 %

- Other regulations

DGUV Information 213-072: Lösemittel (Merkblatt M 017 der Reihe "Gefahrstoffe")
DGUV Information 213-070: Säuren und Laugen (Merkblatt M 004 der Reihe „Gefahrstoffe“)
TRGS 401: Gefährdung durch Hautkontakt. - Ermittlung, Beurteilung, Maßnahmen.
TRGS 510: Storage of hazardous substances in non-stationary containers

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H314 Repeated exposure may cause skin dryness or cracking.

H411 Toxic to aquatic life with long lasting effects.

H336 May cause drowsiness or dizziness.

H335 May cause respiratory irritation.

H304 May be fatal if swallowed and enters airways.

H226 Flammable liquid and vapour.

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16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Flam. Liq. 3: H226 Flammable liquid and vapour. (On basis of test data)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (On basis of test data)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects. (Calculation method)

Modified position

2.3, 11.2

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