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Valid from: 01.08.2018
PDF print date: 18.07.2018
Carburetor cleaner 400 mL
Art.: 9993

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

Carburetor cleaner 400 mL

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

Relevant identified uses of the substance or mixture:

Cleaner

Sector of use [SU]:

SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

SU21 - Consumer uses: Private households (=general public = consumers)

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Chemical product category [PC]:

PC13 - Fuels

PC35 - Washing and cleaning products

Process category [PROC]:

PROC 1 - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC 2 - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 7 - Industrial spraying

PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC11 - Non industrial spraying

PROC16 - Use of fuels

Article Categories [AC]:

AC99 - Not required.

Environmental Release Category [ERC]:

ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

ERC 7 - Use of functional fluid at industrial site

ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

ERC 9a - Widespread use of functional fluid (indoor)

ERC 9b - Widespread use of functional fluid (outdoor)

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

Service Car Technology Vertriebs GmbH, Hasenkamp. 4, 22880 Wedel, Germany

Tel: (+49) 4103 – 9671- 477 Email.: info@senfineco.de

Qualified person's e-mail address: achtung@senfineco.de, Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49 (0) 174 / 198 7145 (LMR)

SECTION 2: Hazards identification

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2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)

| Hazard class | Hazard category | Hazard statement |
|--------------|-----------------|--|
| Acute Tox. | 4 | H332-Harmful if inhaled. |
| Eye Irrit. | 2 | H319-Causes serious eye irritation. |
| Skin Irrit. | 2 | H315-Causes skin irritation. |
| STOT SE | 3 | H336-May cause drowsiness or dizziness. |
| Aerosol | 1 | H222-Extremely flammable aerosol. |
| Aerosol | 1 | H229-Pressurised container: May burst if heated. |

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)



Danger

H332-Harmful if inhaled. H319-Causes serious eye irritation. H315-Causes skin irritation. H336-May cause drowsiness or dizziness. H222-Extremely flammable aerosol. H229-Pressurised container: May burst if heated.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children.
 P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211-Do not spray on an open flame or other ignition source. P251-Do not pierce or burn, even after use. P261-Avoid breathing vapours or spray. P280-Wear protective gloves and eye protection / face protection.
 P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312-Call a POISON CENTRE / doctor if you feel unwell.
 P405-Store locked up. P410+P412-Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
 P501-Dispose of contents / container to special waste collection point.

Without adequate ventilation, formation of explosive mixtures may be possible.

Benzyl alcohol
 Xylene (mixture of isomers)
 Acetone

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
 The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
 When using: development of explosive vapour/air mixture possible.

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

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3.2 Mixture

| Xylene (mixture of isomers) | Substance for which an EU exposure limit value applies. |
|---|---|
| Registration number (REACH) | --- |
| Index | 601-022-00-9 |
| EINECS, ELINCS, NLP | 215-535-7 |
| CAS | 1330-20-7 |
| content % | 20-30 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Flam. Liq. 3, H226 Acute Tox. 4, H332 Acute Tox. 4, H312 Skin Irrit. 2, H315 |

| Acetone | Substance for which an EU exposure limit value applies. |
|---|---|
| Registration number (REACH) | 01-2119471330-49-XXXX |
| Index | 606-001-00-8 |
| EINECS, ELINCS, NLP | 200-662-2 |
| CAS | 67-64-1 |
| content % | 20-30 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

| Benzyl alcohol | Substance for which an EU exposure limit value applies. |
|---|---|
| Registration number (REACH) | --- |
| Index | 603-057-00-5 |
| EINECS, ELINCS, NLP | 202-859-9 |
| CAS | 100-51-6 |
| content % | 5-15 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Acute Tox. 4, H332 Acute Tox. 4, H302 |

| Carbon dioxide | Substance for which an EU exposure limit value applies. |
|---|---|
| Registration number (REACH) | --- |
| Index | --- |
| EINECS, ELINCS, NLP | 204-696-9 |
| CAS | 124-38-9 |
| content % | 1-5 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | --- |

| Fatty alcohol ethoxylate | Substance for which an EU exposure limit value applies. |
|---|--|
| Registration number (REACH) | --- |
| Index | --- |
| EINECS, ELINCS, NLP | --- |
| CAS | 78330-21-9 |
| content % | 0,1-<1 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412 |

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

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Inhalation

Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.
Vapours may cause drowsiness and dizziness.

Skin contact

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.
Keep Data Sheet available.
The following may occur:
Irritation of the eyes

Ingestion

Rinse the mouth thoroughly with water.
Do not induce vomiting - give copious water to drink. Consult doctor immediately.
The following may occur:
Headaches
Nausea
Danger of aspiration

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur:
Irritation of the respiratory tract
Coughing
Headaches
Dizziness
Effects/damages the central nervous system
Dermatitis (skin inflammation)
Product removes fat.
Skin resorption

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

4.3 Indication of any immediate medical attention and special treatment needed

Indications for the physician:
Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO₂
Extinction powder
Foam

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:
Oxides of carbon
Toxic pyrolysis products.
Explosive vapour/air or gas/air mixtures.
In case of spreading near the ground, flashback to distance sources of ignition is possible.

5.3 Advice for firefighters

Protective respirator with independent air supply.
According to size of fire
Full protection, if necessary.
Cool container at risk with water.
Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

Remove possible causes of ignition - do not smoke.
 Ensure sufficient supply of air.
 Avoid inhalation, and contact with eyes or skin.

6.2 Environmental precautions

If leakage occurs, dam up.
 Resolve leaks if this possible without risk.
 Prevent from entering drainage system.
 Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods and material for containment and cleaning up

If spray or gas escapes, ensure ample fresh air is available.
 Active substance:
 Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.
 Keep away from sources of ignition - Do not smoke.
 Take precautions against electrostatic charges.
 Do not use on hot surfaces.
 Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
 Observe directions on label and instructions for use.
 Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.
 Not to be stored in gangways or stair wells.
 Store product closed and only in original packing.
 Do not store with oxidizing agents.
 Store in a well ventilated place.
 Keep protected from direct sunlight and temperatures over 50°C.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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| Chemical Name | Xylene (mixture of isomers) | | Content %:20-30 |
|--|---|-----|-----------------|
| WEL-TWA: 50 ppm (220 mg/m3) (WEL), 50 ppm (221 mg/m3) (EU) | WEL-STEL: 100 ppm (441 mg/m3 (WEL), 100 ppm (442 mg/m3) (EU) | --- | |
| Monitoring procedures: | <ul style="list-style-type: none"> - Compur - KITA-143 SA (550 325) - Compur - KITA-143 SB (505 998) - Draeger - Xylene 10/a (67 33 161) MTA/MA-030/A92 (Determination of aromatic hydrocarbons (benzene, toluene, ethylbenzene, p-xylene, 1,2,4-trimethylbenzene) in air - Charcoal tube method / Gas chromatography) - 1992 - EU project BC/CEN/ENTR/000/2002-16 card 47-1 (2004) | | |

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BMGV: 650 mmol methyl hippuric acid/mol creatinine in urine, post shift (Xylene, o-, m-, p- or mixed isomers) (BMGV)

| Chemical Name | Acetone | Content %:20-30 |
|--|---|-----------------|
| WEL-TWA: 500 ppm (1210 mg/m ³) (WEL, EU) | WEL-STEL: 1500 ppm (3620 mg/m ³) (WEL) | --- |
| Monitoring procedures: | <ul style="list-style-type: none"> - Compur - KITA-102 SA (548 534) - Compur - KITA-102 SC (548 550) - Compur - KITA-102 SD (551 109) - Draeger - Acetone 40/a (5) (81 03 381) - Draeger - Acetone 100/b (CH 22 901) - MTA/MA-031/A96 (Determination of ketones (acetone, methyl ethyl ketone, methyl isobutyl ketone) in air - Charcoal tube method / Gas chromatography) - 1996 - EU project BC/CEN/ENTR/000/2002-16 card 67-1 (2004) - MDHS 72 (Volatile organic compounds in air – Laboratory method using pumped solid sorbent tubes, thermal desorption and gas chromatography) - 1993 | |
| BMGV: --- | Other information: --- | |

| Chemical Name | Carbon dioxide | Content %:1-5 |
|--|---|---------------|
| WEL-TWA: 5000 ppm (9150 mg/m ³) (WEL), 5000 ppm (9000 mg/m ³) (EU) | WEL-STEL: 15000 ppm (27400 mg/m ³) (WEL) | --- |
| Monitoring procedures: | <ul style="list-style-type: none"> - Compur - KITA-126 B (549 475) - Compur - KITA-126 SA (549 467) - Compur - KITA-126 SB (548 816) - Compur - KITA-126 SF (549 491) - Compur - KITA-126 SG (550 210) - Compur - KITA-126 SH (549 509) - Compur - KITA-126 UH (549 517) - Draeger - Carbon Dioxide 100/a (81 01 811) - Draeger - Carbon Dioxide 0,1%/a (CH 23 501) - Draeger - Carbon Dioxide 0,5%/a (CH 31 401) - Draeger - Carbon Dioxide 1%/a (CH 25 101) - Draeger - Carbon Dioxide 5%/A (CH 20 301) - OSHA ID-172 (Carbon dioxide in workplace atmospheres) - 1990 - NIOSH 6603 (Carbon dioxide) - 1994 | |
| BMGV: --- | Other information: --- | |

| Chemical Name | Propane | Content %: |
|---------------------------|----------------------------------|------------|
| WEL-TWA: 1000 ppm (ACGIH) | WEL-STEL: --- | --- |
| Monitoring procedures: | - Compur - KITA-125 SA (549 954) | |
| BMGV: --- | Other information: --- | |

| Chemical Name | Butane | Content %: |
|--|---|------------|
| WEL-TWA: 600 ppm (1450 mg/m ³) | WEL-STEL: 750 ppm (1810 mg/m ³) | --- |
| Monitoring procedures: | - Compur - KITA-221 SA (549 459) | |
| BMGV: --- | Other information: --- | |

| Chemical Name | Isobutane | Content %: |
|--------------------------------|-------------------------------------|------------|
| WEL-TWA: 1000 ppm (EX) (ACGIH) | WEL-STEL: --- | --- |
| Monitoring procedures: | - Compur - KITA-113 SB(C) (549 368) | |
| BMGV: --- | Other information: --- | |

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).
 (8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).
 (8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

Xylene (mixture of isomers)

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| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
|---------------------|--|------------------------------|------------|-------|-------------------|------|
| | Environment - freshwater | | PNEC | 0,327 | mg/l | |
| | Environment - sediment, freshwater | | PNEC | 12,46 | mg/kg | |
| | Environment - soil | | PNEC | 2,31 | mg/kg | |
| | Environment - marine | | PNEC | 0,327 | mg/l | |
| | Environment - sediment, marine | | PNEC | 12,46 | mg/kg | |
| | Environment - sewage treatment plant | | PNEC | 6,58 | mg/l | |
| Consumer | Human - inhalation | Short term, local effects | DNEL | 174 | mg/m ³ | |
| Consumer | Human - inhalation | Short term, systemic effects | DNEL | 174 | mg/m ³ | |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 108 | mg/kg bw/day | |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 14,8 | mg/m ³ | |
| Workers / employees | Human - inhalation | Short term, local effects | DNEL | 289 | mg/m ³ | |
| Workers / employees | Human - inhalation | Short term, systemic effects | DNEL | 289 | mg/m ³ | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 77 | mg/m ³ | |
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 180 | mg/kg | |

| Acetone | | | | | | |
|---------------------|---|-----------------------------|------------|-------|-------------------|-----------------------------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - marine | | PNEC | 1,06 | mg/l | Assesment factor 500 |
| | Environment - freshwater | | PNEC | 10,6 | mg/l | Assesment factor 50 |
| | Environment - sediment, freshwater | | PNEC | 30,4 | mg/l | |
| | Environment - sediment, marine | | PNEC | 3,04 | mg/l | |
| | Environment - soil | | PNEC | 29,5 | mg/kg dw | |
| | Environment - sewage treatment plant | | PNEC | 19,5 | mg/l | |
| | Environment - sporadic (intermittent) release | | PNEC | 21 | mg/l | Assesment factor 100 |
| | Environment - sewage treatment plant | | PNEC | 100 | mg/l | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 62 | mg/kg bw/day | Overall assesment factor 2 |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 62 | mg/kg bw/day | Overall assesment factor 20 |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 200 | mg/m ³ | Overall assesment factor 5 |
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 186 | mg/kg bw/day | |
| Workers / employees | Human - inhalation | Short term, local effects | DNEL | 2420 | mg/m ³ | |

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| | | | | | | |
|---------------------|--------------------|-----------------------------|------|------|-------------------|--|
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 1210 | mg/m ³ | |
|---------------------|--------------------|-----------------------------|------|------|-------------------|--|

| Dimethyl glutarate | | | | | | |
|---------------------|---|------------------|------------|--------|-------------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Human - inhalation | | DNEL | 8,3 | mg/m ³ | |
| | Environment - sediment, marine | | PNEC | 0,015 | mg/kg | |
| | Environment - sediment, freshwater | | PNEC | 0,15 | mg/kg | |
| | Environment - marine | | PNEC | 0,0031 | mg/l | |
| | Environment - freshwater | | PNEC | 0,031 | mg/l | |
| | Environment - soil | | PNEC | 0,113 | mg/kg | |
| | Environment - sporadic (intermittent) release | | PNEC | 0,31 | mg/l | |

| Dimethyl adipate | | | | | | |
|---------------------|---|------------------|------------|--------|-------------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - marine | | PNEC | 0,0018 | mg/l | |
| | Environment - soil | | PNEC | 0,09 | mg/kg | |
| | Environment - sediment, marine | | PNEC | 0,016 | mg/kg | |
| | Environment - sediment, freshwater | | PNEC | 0,16 | mg/kg | |
| | Environment - freshwater | | PNEC | 0,018 | mg/l | |
| | Environment - sporadic (intermittent) release | | DNEL | 0,18 | mg/l | |
| Industrial | Human - inhalation | Long term | DNEL | 8,3 | mg/m ³ | |
| Consumer | Human - inhalation | Long term | DNEL | 5 | mg/m ³ | |

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.
 Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.
 These are specified by e.g. BS EN 14042.
 BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:
 Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

Skin protection - Hand protection:
 Solvent resistant protective gloves (EN 374).
 If applicable
 Protective Neoprene® / polychloroprene gloves (EN 374).
 Protective PVC gloves (EN 374)
 Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

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The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:
 Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:
 Normally not necessary.
 At high concentrations:
 Filter A P3 (EN 14387), code colour brown, white

Thermal hazards:
 If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.
 In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.
 Selection of materials derived from glove manufacturer's indications.
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
 In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
 The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|------------------------------------|
| Physical state: | Aerosol. Active substance: liquid. |
| Colour: | Yellow |
| Odour: | Characteristic |
| Odour threshold: | Not determined |
| pH-value: | Not determined |
| Melting point/freezing point: | Not determined |
| Initial boiling point and boiling range: | Not determined |
| Flash point: | n.a. |
| Evaporation rate: | Not determined |
| Flammability (solid, gas): | Not determined |
| Lower explosive limit: | 1,4 Vol-% |
| Upper explosive limit: | 32 Vol-% |
| Vapour pressure: | 4100 hPa |
| Vapour density (air = 1): | Vapours heavier than air. |
| Density: | 0,75 g/ml (relative density) |
| Density: | 0,75 g/ml |
| Bulk density: | Not determined |
| Solubility(ies): | Not determined |
| Water solubility: | Insoluble |
| Partition coefficient (n-octanol/water): | Not determined |
| Auto-ignition temperature: | 510 °C (Ignition temperature) |
| Decomposition temperature: | Not determined |
| Viscosity: | Not determined |
| Explosive properties: | Not determined |
| Oxidising properties: | Not determined |

9.2 Other information

| | |
|---------------------------|----------------|
| Miscibility: | Not determined |
| Fat solubility / solvent: | Not determined |
| Conductivity: | Not determined |
| Surface tension: | Not determined |
| Solvents content: | Not determined |

SECTION 10: Stability and reactivity

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10.1 Reactivity

See also Subsection 10.2 to 10.6.
 The product has not been tested.

10.2 Chemical stability

See also Subsection 10.1 to 10.6.
 Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

See also Subsection 10.1 to 10.6.

10.4 Conditions to avoid

See also section 7.
 Heating, open flame, ignition sources
 Pressure increase will result in danger of bursting.

10.5 Incompatible materials

See also section 7.
 Avoid contact with oxidizing agents.

10.6 Hazardous decomposition products

See also Subsection 10.1 to 10.5.
 See also section 5.2

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

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|---|----------|-------|---------|----------|-------------|--|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Acute toxicity, by oral route: | | | | | | n.d.a. |
| Acute toxicity, by dermal route: | ATE | >5000 | mg/kg | | | calculated value |
| Acute toxicity, by inhalation: | ATE | >20 | mg/l/4h | | | calculated value, Vapours |
| Acute toxicity, by inhalation: | ATE | 4,6 | mg/l/4h | | | calculated value, Aerosol |
| Skin corrosion/irritation: | | | | | | n.d.a. |
| Serious eye damage/irritation: | | | | | | n.d.a. |
| Respiratory or skin sensitisation: | | | | | | n.d.a. |
| Germ cell mutagenicity: | | | | | | n.d.a. |
| Carcinogenicity: | | | | | | n.d.a. |
| Reproductive toxicity: | | | | | | n.d.a. |
| Specific target organ toxicity - single exposure (STOT-SE): | | | | | | n.d.a. |
| Specific target organ toxicity - repeated exposure (STOT-RE): | | | | | | n.d.a. |
| Aspiration hazard: | | | | | | n.d.a. |
| Symptoms: | | | | | | n.d.a. |
| Other information: | | | | | | Classification according to calculation procedure. |

| Xylene (mixture of isomers) | | | | | | |
|----------------------------------|----------|-------|---------|----------|-------------|---|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Acute toxicity, by oral route: | LD50 | 2840 | mg/kg | Rat | | |
| Acute toxicity, by dermal route: | LD50 | >1700 | mg/kg | Rabbit | | |
| Acute toxicity, by inhalation: | LC50 | 21,7 | mg/l/4h | Rat | | Vapours, Does not conform with EU classification. |
| Skin corrosion/irritation: | | | | Rabbit | | Irritant |

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|------------------------------------|--|--|--|--------|--------------|---|
| Serious eye damage/irritation: | | | | Rabbit | | Slightly irritant |
| Respiratory or skin sensitisation: | | | | | (Patch-Test) | Negative |
| Symptoms: | | | | | | breathing difficulties, drying of the skin., drowsiness, unconsciousness , burning of the membranes of the nose and throat, vomiting, skin afflictions, heart/circulatory disorders, coughing, headaches, drowsiness, dizziness, nausea |

| Acetone | | | | | | |
|------------------------------------|----------|--------|---------|------------|--|--|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Acute toxicity, by oral route: | LD50 | 5800 | mg/kg | Rat | OECD 401 (Acute Oral Toxicity) | |
| Acute toxicity, by dermal route: | LD50 | >15800 | mg/kg | Rat | | |
| Acute toxicity, by inhalation: | LC50 | ~76 | mg/l/4h | Rat | | |
| Skin corrosion/irritation: | | | | Guinea pig | | Slightly irritant, Repeated exposure may cause skin dryness or cracking. |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Irritant |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | Not sensitizing |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Germ cell mutagenicity: | | | | | OECD 473 (In Vitro Mammalian Chromosome Aberration Test) | Negative |
| Germ cell mutagenicity: | | | | | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) | Negative |
| Symptoms: | | | | | | unconsciousness , vomiting, headaches, gastrointestinal disturbances, fatigue, mucous membrane irritation, dizziness, nausea |

| Benzyl alcohol | | | | | | |
|--------------------------------|----------|-------|-------|----------|-------------|-------|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Acute toxicity, by oral route: | LD50 | 1230 | mg/kg | Rat | | |

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| | | | | | | |
|----------------------------------|------|--------|---------|--------|--|---|
| Acute toxicity, by dermal route: | LD50 | 2000 | mg/kg | Rabbit | | Does not conform with EU classification. |
| Acute toxicity, by inhalation: | LC50 | >4,178 | mg/l/4h | Rat | | Aerosol |
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Mild irritant |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Carcinogenicity: | | | | | | Negative |
| Symptoms: | | | | | | breathing difficulties, drowsiness, unconsciousness, diarrhoea, headaches, cramps, gastrointestinal disturbances, intoxication, dizziness, nausea and vomiting. |

Fatty alcohol ethoxylate

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|----------------------------------|----------|-------|-------|----------|-------------|-------|
| Acute toxicity, by dermal route: | LD50 | >2000 | mg/kg | Rat | | |

Propane

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|---|----------|--------|---------|----------|--|--|
| Acute toxicity, by inhalation: | LC50 | 658 | mg/l/4h | Rat | | |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Reproductive toxicity (Developmental toxicity): | NOAEC | 21,641 | mg/l | | OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test) | |
| Aspiration hazard: | | | | | | No |
| Symptoms: | | | | | | breathing difficulties, unconsciousness, frostbite, headaches, cramps, mucous membrane irritation, dizziness, nausea and vomiting. |

Butane

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|--------------------------------|----------|-------|---------|----------|--|----------|
| Acute toxicity, by inhalation: | LC50 | 658 | mg/l/4h | Rat | | |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Aspiration hazard: | | | | | | No |

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| | | | | | | | |
|--|--|--|--|--|--|--|---|
| 12.2. Persistence and degradability: | | | | | | | The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
| 12.3. Bioaccumulative potential: | | | | | | | n.d.a. |
| 12.4. Mobility in soil: | | | | | | | Product is slightly volatile. |
| 12.5. Results of PBT and vPvB assessment | | | | | | | n.d.a. |
| 12.6. Other adverse effects: | | | | | | | n.d.a. |
| Other information: | | | | | | | According to the recipe, contains no AOX. |

| Xylene (mixture of isomers) | | | | | | | |
|--------------------------------------|----------|------|--------|------|---------------------|-------------|-----------------------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | LC50 | 96h | 86 | mg/l | Leuciscus idus | | |
| 12.1. Toxicity to fish: | LC50 | 96h | 8,2 | mg/l | Oncorhynchus mykiss | | |
| 12.1. Toxicity to daphnia: | EC50 | 24h | 75,5 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to algae: | IC50 | 72h | 10 | mg/l | | | |
| 12.2. Persistence and degradability: | | | | | | | Readily biodegradable |
| 12.3. Bioaccumulative potential: | Log Pow | | >3 | | | | |
| 12.3. Bioaccumulative potential: | BCF | | 0,6-15 | | | | |

| Acetone | | | | | | | |
|----------------------------|-----------|-------|-------|------|------------------|--|-------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 28d | 2212 | mg/l | Daphnia pulex | | |
| Toxicity to bacteria: | EC10 | 30min | 1000 | mg/l | activated sludge | OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)) | |

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| | | | | | | | |
|--|-----------|-----|------------|------|---------------------------------|---|-------------------------------------|
| 12.2. Persistence and degradability: | | 28d | 91 | % | | OECD 301 A (Ready Biodegradability - DOC Die-Away Test) | Readily biodegradable |
| 12.1. Toxicity to fish: | LC50 | 96h | 5540 | mg/l | Oncorhynchus mykiss | | |
| 12.1. Toxicity to fish: | LC50 | 96h | 7500 | mg/l | Leuciscus idus | | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | 6100-12700 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to algae: | EC50 | 48h | 4740 | mg/l | Pseudokirchneriella subcapitata | | |
| 12.1. Toxicity to algae: | NOEC/NOEL | 48h | 3400 | mg/l | Pseudokirchneriella subcapitata | | |
| 12.3. Bioaccumulative potential: | Log Pow | | -0,24 | | | | |
| 12.3. Bioaccumulative potential: | BCF | | 0,19 | | | | |
| 12.4. Mobility in soil: | | | | | | | No adsorption in soil. |
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
| Toxicity to bacteria: | BOD/COD | 16h | 1700 | mg/l | Pseudomonas putida | | |
| Other information: | BOD5 | | 1760-1900 | mg/g | | | |
| Other information: | COD | | 2100 | mg/g | | | |
| Other information: | AOX | | 0 | % | | | |

Benzyl alcohol

| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|--------------------------------------|----------|------|-------|------|---------------------|--|-------|
| 12.1. Toxicity to fish: | LC50 | 96h | 10 | mg/l | Lepomis macrochirus | | |
| 12.1. Toxicity to fish: | LC50 | 96h | 460 | mg/l | Pimephales promelas | | |
| 12.1. Toxicity to daphnia: | EC50 | 24h | 55 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to algae: | IC50 | 72h | 700 | mg/l | | | |
| 12.2. Persistence and degradability: | | 28d | 92-96 | % | | OECD 301 C (Ready Biodegradability - Modified MITI Test (I)) | |
| 12.3. Bioaccumulative potential: | Log Pow | | 1,1 | | | | Low |
| Toxicity to bacteria: | EC10 | 16h | 658 | mg/l | Pseudomonas putida | | |

Propane

| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|--|----------|------|-------|------|----------|-------------|---|
| 12.3. Bioaccumulative potential: | Log Pow | | 2,28 | | | | A notable biological accumulation potential is not to be expected (LogPow 1-3). |
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |

Butane

| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|-------------------------|----------|------|-------|------|----------|-------------|-------|
| 12.1. Toxicity to fish: | LC50 | 96h | 24,11 | mg/l | | QSAR | |

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|--|---------|-----|-------|------|--|------|---|
| 12.1. Toxicity to daphnia: | LC50 | 48h | 14,22 | mg/l | | QSAR | |
| 12.3. Bioaccumulative potential: | Log Pow | | 2,98 | | | | A notable biological accumulation potential is not to be expected (LogPow 1-3). |
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |

| Isobutane | | | | | | | |
|--|----------|------|-------|------|----------|-------------|---|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.3. Bioaccumulative potential: | | | | | | | A notable biological accumulation potential is not to be expected (LogPow 1-3). |
| 12.1. Toxicity to fish: | LC50 | 96h | 27,98 | mg/l | | | |
| 12.1. Toxicity to algae: | EC50 | 96h | 7,71 | mg/l | | | |
| 12.2. Persistence and degradability: | | | | | | | Readily biodegradable |
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

16 05 04 gases in pressure containers (including halons) containing hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

Implement substance recycling.

E.g. suitable incineration plant.

Approved rubbish dump for special refuse

For contaminated packing material

Pay attention to local and national official regulations.

If applicable

Return to manufacturer with residual pressure.

Do not perforate, cut up or weld uncleaned container.

Residues may present a risk of explosion.

15 01 10 packaging containing residues of or contaminated by hazardous substances

15 01 04 metallic packaging

SECTION 14: Transport information

General statements

14.1. UN number: 1950

Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

UN 1950 AEROSOLS

14.3. Transport hazard class(es): 2.1



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14.4. Packing group: -
 Classification code: 5F
 LQ: 1 L
 14.5. Environmental hazards: Not applicable
 Tunnel restriction code: D

Transport by sea (IMDG-code)

14.2. UN proper shipping name: AEROSOLS
 14.3. Transport hazard class(es): 2.1
 14.4. Packing group: -
 EmS: F-D, S-U
 Marine Pollutant: n.a.
 14.5. Environmental hazards: Not applicable



Transport by air (IATA)

14.2. UN proper shipping name: Aerosols, flammable
 14.3. Transport hazard class(es): 2.1
 14.4. Packing group: -
 14.5. Environmental hazards: Not applicable



14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained.
 All persons involved in transporting must observe safety regulations.
 Precautions must be taken to prevent damage.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Freighted as packaged goods rather than in bulk, therefore not applicable.
 Minimum amount regulations have not been taken into account.
 Danger code and packing code on request.
 Comply with special provisions.

SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)!
 Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!
 Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

| Hazard categories | Notes to Annex I | Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements | Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements |
|-------------------|------------------|---|---|
| P3a | 11.1 | 150 (netto) | 500 (netto) |

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 2 - This product contains the substances listed below:

| Entry Nr | Dangerous substances | Notes to Annex I | Qualifying quantity (tonnes) for the application of - Lower-tier requirements | Qualifying quantity (tonnes) for the application of - Upper-tier requirements |
|----------|--|------------------|---|---|
| 18 | Liquefied flammable gases, Category 1 or 2 (including LPG) and natural gas | 19 | 50 | 200 |

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

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Directive 2010/75/EU (VOC): 665 g/l
REGULATION (EC) No 648/2004
 15 % or over but less than 30 %
 aromatic hydrocarbons
 aliphatic hydrocarbons

BENZYL ALCOHOL

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 8
 Employee training in handling dangerous goods is required.
 These details refer to the product as it is delivered.
 Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

| Classification in accordance with regulation (EC) No. 1272/2008 (CLP) | Evaluation method used |
|---|--|
| Acute Tox. 4, H332 | Classification according to calculation procedure. |
| Eye Irrit. 2, H319 | Classification according to calculation procedure. |
| Skin Irrit. 2, H315 | Classification according to calculation procedure. |
| STOT SE 3, H336 | Classification according to calculation procedure. |
| Aerosol 1, H222 | Classification based on test data. |
| Aerosol 1, H229 | Classification based on test data. |

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
-
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

- Acute Tox. — Acute toxicity - inhalation
- Eye Irrit. — Eye irritation
- Skin Irrit. — Skin irritation
- STOT SE — Specific target organ toxicity - single exposure - narcotic effects
- Aerosol — Aerosols
- Flam. Liq. — Flammable liquid
- Acute Tox. — Acute toxicity - dermal
- Acute Tox. — Acute toxicity - oral
- Eye Dam. — Serious eye damage
- Aquatic Acute — Hazardous to the aquatic environment - acute
- Aquatic Chronic — Hazardous to the aquatic environment - chronic

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Any abbreviations and acronyms used in this document:

AC Article Categories
acc., acc. to according, according to
ACGIH American Conference of Governmental Industrial Hygienists
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds
approx. approximately
Art., Art. no. Article number
ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
BCF Bioconcentration factor
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSEF Bromine Science and Environmental Forum
bw body weight
CAS Chemical Abstracts Service
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC Collaborative International Pesticides Analytical Council
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR carcinogenic, mutagenic, reproductive toxic
COD Chemical oxygen demand
CTFA Cosmetic, Toiletry, and Fragrance Association
DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
DOC Dissolved organic carbon
DT50 Dwell Time - 50% reduction of start concentration
DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)
dw dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
EC European Community
ECHA European Chemicals Agency
EEA European Economic Area
EEC European Economic Community
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
EN European Norms
EPA United States Environmental Protection Agency (United States of America)
ERC Environmental Release Categories
ES Exposure scenario
etc. et cetera
EU European Union
EWC European Waste Catalogue
Fax. Fax number
gen. general
GHS Globally Harmonized System of Classification and Labelling of Chemicals
GWP Global warming potential
HET-CAM Hen's Egg Test - Chorionallantoic Membrane
HGWP Halocarbon Global Warming Potential
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC Intermediate Bulk Container
IBC (Code) International Bulk Chemical (Code)

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IC Inhibitory concentration
IMDG-code International Maritime Code for Dangerous Goods
incl. including, inclusive
IUCLID International Uniform Chemical Information Database
LC lethal concentration
LC50 lethal concentration 50 percent kill
LCLo lowest published lethal concentration
LD Lethal Dose of a chemical
LD50 Lethal Dose, 50% kill
LDLo Lethal Dose Low
LOAEL Lowest Observed Adverse Effect Level
LOEC Lowest Observed Effect Concentration
LOEL Lowest Observed Effect Level
LQ Limited Quantities
MARPOL International Convention for the Prevention of Marine Pollution from Ships
n.a. not applicable
n.av. not available
n.c. not checked
n.d.a. no data available
NIOSH National Institute of Occupational Safety and Health (United States of America)
NOAEC No Observed Adverse Effective Concentration
NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration
NOEL No Observed Effect Level
ODP Ozone Depletion Potential
OECD Organisation for Economic Co-operation and Development
org. organic
PAH polycyclic aromatic hydrocarbon
PBT persistent, bioaccumulative and toxic
PC Chemical product category
PE Polyethylene
PNEC Predicted No Effect Concentration
POCP Photochemical ozone creation potential
ppm parts per million
PROC Process category
PTFE Polytetrafluorethylene
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone
ThOD Theoretical oxygen demand
TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (= Technical Regulations for Hazardous Substances)
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC Volatile organic compounds
vPvB very persistent and very bioaccumulative
WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).
WHO World Health Organization
wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.



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