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Revision date / version: 14.10.2020 / 0014  
Replacing version dated / version: 17.09.2020 / 0013  
Valid from: 14.10.2020  
PDF print date: 14.10.2020  
Motorbike Luftfilteroel

## 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

### Motorbike Luftfilteroel

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

##### Relevant identified uses of the substance or mixture:

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]:

PC24 - Lubricants, greases, release products

Process category [PROC]:

PROC 7 - Industrial spraying

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

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

PROC10 - Roller application or brushing

PROC11 - Non industrial spraying

PROC13 - Treatment of articles by dipping and pouring

PROC17 - Lubrication at high energy conditions in metal working operation

PROC18 - General greasing/lubrication at high kinetic energy conditions

PROC19 - Manual activities involving hand contact

Article Categories [AC]:

AC99 - Not required.

Environmental Release Category [ERC]:

ERC 2 - Formulation into mixture

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

ERC 5 - Use at industrial site leading to inclusion into/onto article

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

ERC 8c - Widespread use leading to inclusion into/onto article (indoor)

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

ERC 8f - Widespread use leading to inclusion into/onto article (outdoor)

##### Uses advised against:

No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH

Jerg-Wieland-Str. 4

89081 Ulm-Lehr

Tel.: (+49) 0731-1420-0

Fax: (+49) 0731-1420-88

Qualified person's e-mail address: [info@chemical-check.de](mailto:info@chemical-check.de), [k.schnurbusch@chemical-check.de](mailto:k.schnurbusch@chemical-check.de) Please DO NOT use for requesting Safety Data Sheets.

#### 1.4 Emergency telephone number

##### Emergency information services / official advisory body:

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##### Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMR)

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

| Hazard class    | Hazard category | Hazard statement                                      |
|-----------------|-----------------|---|
| Flam. Liq.      | 2               | H225-Highly flammable liquid and vapour.              |
| Skin Irrit.     | 2               | H315-Causes skin irritation.                          |
| 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

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



Danger

H225-Highly flammable liquid and vapour. H315-Causes skin irritation. H336-May cause drowsiness or dizziness. H411-Toxic to aquatic life with long lasting effects.

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. P261-Avoid breathing vapours or spray. P273-Avoid release to the environment. P280-Wear protective gloves.

P312-Call a POISON CENTRE / doctor if you feel unwell.

P403+P233-Store in a well-ventilated place. Keep container tightly closed. P405-Store locked up.

P501-Dispose of contents / container to an approved waste disposal facility.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

### 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 %).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

n.a.

### 3.2 Mixtures

|   |                               |
|---|-------------------------------|
| <b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b> |                               |
| Registration number (REACH)   | 01-2119475514-35-XXXX         |
| Index   | ---                           |
| EINECS, ELINCS, NLP   | 921-024-6 (REACH-IT List-No.) |
| CAS   | ---                           |
| content %   | 50-<70                        |

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

Flam. Liq. 2, H225  
 Asp. Tox. 1, H304  
 Skin Irrit. 2, H315  
 STOT SE 3, H336  
 Aquatic Chronic 2, H411

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!

#### Inhalation

Remove person from danger area.  
 Supply person with fresh air and consult doctor according to symptoms.  
 If the person is unconscious, place in a stable side position and consult a doctor.

#### Skin contact

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

#### Eye contact

Remove contact lenses.  
 Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### Ingestion

Rinse the mouth thoroughly with water.  
 Do not induce vomiting - give copious water to drink. Consult doctor immediately.  
 Danger of aspiration.

### 4.2 Most important symptoms and effects, both acute and delayed

Irritation of the respiratory tract  
 Coughing  
 Headaches  
 Respiratory distress  
 Effects/damages the central nervous system  
 With long-term contact:  
 Dermatitis (skin inflammation)  
 Product removes fat.

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

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 gases  
 Explosive vapour/air or gas/air mixtures.

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.  
 Protective respirator with independent air supply.

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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

### 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.  
If applicable, caution - risk of slipping.

### 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.  
Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.

### 6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.  
Do not wash away with water or watery cleaning agents.

### 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.  
Avoid contact with eyes or skin.  
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.  
Observe special storage conditions.  
Solvent resistant floor  
Do not store with oxidizing agents.  
Store in a well ventilated place.  
Protect from direct sunlight and warming.

### 7.3 Specific end use(s)

No information available at present.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40):  
600 mg/m<sup>3</sup>

GB

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| Chemical Name  | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |   | Content %:50-<br><70 |
|--|---|---|----------------------|
| WEL-TWA: 600 mg/m3                                     | WEL-STEL: ---   | ---   |                      |
| Monitoring procedures: - Compur - KITA-187 S (551 174) |   |   |                      |
| BMGV: ---  |   | Other information: (OEL acc. to RCP-method, paragraphs 84-87, EH40) |                      |

| Chemical Name   | Oil mist, mineral |                        | Content %: |
|---|-------------------|------------------------|------------|
| WEL-TWA: 5 mg/m3 (Mineral oil, excluding metal working fluids, ACGIH) | WEL-STEL: ---     | ---                    |            |
| Monitoring procedures: - Draeger - Oil Mist 1/a (67 33 031)           |                   |                        |            |
| BMGV: ---   |                   | Other information: --- |            |

| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |  |                             |            |       |              |      |
|---|--|-----------------------------|------------|-------|--------------|------|
| Area of application   | Exposure route / Environmental compartment | Effect on health            | Descriptor | Value | Unit         | Note |
| Consumer  | Human - dermal                             | Long term, systemic effects | DNEL       | 699   | mg/kg bw/day |      |
| Consumer  | Human - inhalation                         | Long term, systemic effects | DNEL       | 608   | mg/m3        |      |
| Consumer  | Human - oral                               | Long term, systemic effects | DNEL       | 699   | mg/kg bw/day |      |
| Workers / employees   | Human - dermal                             | Long term, systemic effects | DNEL       | 773   | mg/kg bw/day |      |
| Workers / employees   | Human - dermal                             | Long term, systemic effects | DNEL       | 300   | mg/kg bw/day |      |
| Workers / employees   | Human - inhalation                         | Long term, systemic effects | DNEL       | 2035  | mg/m3        |      |

GB 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 (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | 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.  
 (13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

## 8.2 Exposure controls

### 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. EN 14042.

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.

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**Eye/face protection:**  
 Tight fitting protective goggles with side protection (EN 166).

**Skin protection - Hand protection:**  
 Solvent resistant protective gloves (EN 374).  
 If applicable  
 Protective nitrile gloves (EN 374).  
 Minimum layer thickness in mm:  
 >= 0,4  
 Permeation time (penetration time) in minutes:  
 >= 480

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.  
 The recommended maximum wearing time is 50% of breakthrough time.  
 Protective Viton® / fluoroelastomer gloves (EN 374).  
 Protective hand cream recommended.

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

**Respiratory protection:**  
 Normally not necessary.  
 If OES or MEL is exceeded.  
 Filter A P2 (EN 14387), code colour brown, white  
 Observe wearing time limitations for respiratory protection equipment.

**Thermal hazards:**  
 Not applicable

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:                          | Liquid                         |
| Colour:                                  | Blue                           |
| 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:                             | -9 °C                          |
| Evaporation rate:                        | Not determined                 |
| Flammability (solid, gas):               | Not determined                 |
| Lower explosive limit:                   | Not determined                 |
| Upper explosive limit:                   | Not determined                 |
| Vapour pressure:                         | Not determined                 |
| Vapour density (air = 1):                | Not determined                 |
| Density:                                 | 0,786 g/cm <sup>3</sup> (20°C) |
| Bulk density:                            | Not determined                 |
| Solubility(ies):                         | Not determined                 |
| Water solubility:                        | Insoluble                      |
| Partition coefficient (n-octanol/water): | Not determined                 |

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|                            |                              |
|----------------------------|------------------------------|
| Auto-ignition temperature: | Not determined               |
| Decomposition temperature: | Not determined               |
| Viscosity:                 | 48 mm <sup>2</sup> /s (40°C) |
| 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

### 10.1 Reactivity

The product has not been tested.

### 10.2 Chemical stability

Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4 Conditions to avoid

See also section 7.

Heating, open flame, ignition sources

### 10.5 Incompatible materials

See also section 7.

Avoid contact with oxidizing agents.

### 10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

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

| Motorbike Luftfilteroel                                       |          |       |      |          |             |        |
|---|----------|-------|------|----------|-------------|--------|
| Toxicity / effect   | Endpoint | Value | Unit | Organism | Test method | Notes  |
| Acute toxicity, by oral route:                                |          |       |      |          |             | n.d.a. |
| Acute toxicity, by dermal route:                              |          |       |      |          |             | n.d.a. |
| Acute toxicity, by inhalation:                                |          |       |      |          |             | n.d.a. |
| 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. |

| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |          |       |       |          |                                  |       |
|---|----------|-------|-------|----------|----------------------------------|-------|
| Toxicity / effect   | Endpoint | Value | Unit  | Organism | Test method                      | Notes |
| Acute toxicity, by oral route:                                    | LD50     | >5000 | mg/kg | Rat      | OECD 401 (Acute Oral Toxicity)   |       |
| Acute toxicity, by dermal route:                                  | LD50     | >2000 | mg/kg | Rat      | OECD 402 (Acute Dermal Toxicity) |       |



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|   |      |     |         |            |  |  |
|---|------|-----|---------|------------|--|--|
| Acute toxicity, by inhalation:  | LC50 | >20 | mg/l/4h | Rat        | OECD 403 (Acute Inhalation Toxicity)             |  |
| Skin corrosion/irritation:  |      |     |         | Rabbit     | OECD 404 (Acute Dermal Irritation/Corrosion)     | Skin Irrit. 2  |
| Serious eye damage/irritation:  |      |     |         | Rabbit     | OECD 405 (Acute Eye Irritation/Corrosion)        | Mild irritant (Analogous conclusion)   |
| Respiratory or skin sensitisation:                                      |      |     |         | Guinea pig | OECD 406 (Skin Sensitisation)                    | No (skin contact)  |
| Carcinogenicity:  |      |     |         |            |  | Negative   |
| Reproductive toxicity:  |      |     |         |            | OECD 414 (Prenatal Developmental Toxicity Study) | Analogous conclusion, Negative   |
| Specific target organ toxicity - single exposure (STOT-SE):             |      |     |         |            |  | STOT SE 3, H336  |
| Specific target organ toxicity - repeated exposure (STOT-RE):           |      |     |         |            |  | Negative   |
| Aspiration hazard:  |      |     |         |            |  | Yes  |
| Symptoms:   |      |     |         |            |  | drowsiness, unconsciousness, heart/circulatory disorders, headaches, cramps, drowsiness, mucous membrane irritation, dizziness, nausea and vomiting. |
| Specific target organ toxicity - single exposure (STOT-SE), inhalative: |      |     |         |            |  | Not irritant (respiratory tract).  |

## SECTION 12: Ecological information

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

| Motorbike Luftfilteroel                  |          |      |       |      |          |             |  |
|--|----------|------|-------|------|----------|-------------|--|
| Toxicity / effect                        | Endpoint | Time | Value | Unit | Organism | Test method | Notes  |
| 12.1. Toxicity to fish:                  |          |      |       |      |          |             | n.d.a.   |
| 12.1. Toxicity to daphnia:               |          |      |       |      |          |             | n.d.a.   |
| 12.1. Toxicity to algae:                 |          |      |       |      |          |             | n.d.a.   |
| 12.2. Persistence and degradability:     |          |      |       |      |          |             | n.d.a.   |
| 12.3. Bioaccumulative potential:         |          |      |       |      |          |             | n.d.a.   |
| 12.4. Mobility in soil:                  |          |      |       |      |          |             | n.d.a.   |
| 12.5. Results of PBT and vPvB assessment |          |      |       |      |          |             | n.d.a.   |
| 12.6. Other adverse effects:             |          |      |       |      |          |             | n.d.a.   |
| Other information:                       |          |      |       |      |          |             | DOC-elimination degree (complexing organic substance) $\geq$ 80%/28d: No |

| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane |          |      |       |      |          |             |       |
|---|----------|------|-------|------|----------|-------------|-------|
| Toxicity / effect   | Endpoint | Time | Value | Unit | Organism | Test method | Notes |



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| 12.3. Bioaccumulative potential:     |           |     |         |      |                                 |  | Concentration in organisms possible.                 |
|--------------------------------------|-----------|-----|---------|------|---------------------------------|--|--|
| 12.1. Toxicity to daphnia:           | NOEC/NOEL | 21d | 0,17    | mg/l | Daphnia magna                   |  |  |
| 12.1. Toxicity to daphnia:           | LOEC/LOEL | 21d | 0,32    | mg/l | Daphnia magna                   |  |  |
| 12.1. Toxicity to fish:              | NOEC/NOEL | 28d | 2,045   | mg/l | Oncorhynchus mykiss             |  |  |
| 12.1. Toxicity to fish:              | NOELR     | 28d | 2,04    | mg/l | Salmo gairdneri                 |  |  |
| 12.1. Toxicity to fish:              | LC50      | 96h | 11,4    | mg/l | Oncorhynchus mykiss             | OECD 203 (Fish, Acute Toxicity Test)                               |  |
| 12.1. Toxicity to fish:              | LL50      | 96h | 11,4    | mg/l | Salmo gairdneri                 | OECD 203 (Fish, Acute Toxicity Test)                               |  |
| 12.1. Toxicity to daphnia:           | EC50      | 48h | 3       | mg/l | Daphnia magna                   | OECD 202 (Daphnia sp. Acute Immobilisation Test)                   |  |
| 12.1. Toxicity to daphnia:           | NOELR     | 48h | 2,1     | mg/l | Daphnia magna                   |  |  |
| 12.1. Toxicity to algae:             | EC50      | 72h | 30      | mg/l | Pseudokirchneriella subcapitata | OECD 201 (Alga, Growth Inhibition Test)                            |  |
| 12.2. Persistence and degradability: |           | 28d | 81      | %    | activated sludge                | OECD 301 F (Ready Biodegradability - Manometric Respirometry Test) | Readily biodegradable, Analogous conclusion          |
| 12.3. Bioaccumulative potential:     | BCF       |     | 242-253 |      |                                 |  |  |
| 12.4. Mobility in soil:              |           |     |         |      |                                 |  | Adsorption in ground., Product is slightly volatile. |
| Other information:                   | AOX       |     | 0       | %    |                                 |  |  |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.  
 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)

07 06 04 other organic solvents, washing liquids and mother liquors

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

#### For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Residues may present a risk of explosion.

## SECTION 14: Transport information

### General statements

14.1. UN number:

1993

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### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

UN 1993 FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, &lt; 5% N-HEXANE)

14.3. Transport hazard class(es):

3

14.4. Packing group:

II

Classification code:

F1

LQ:

1 L

14.5. Environmental hazards:

environmentally hazardous

Tunnel restriction code:

D/E



### Transport by sea (IMDG-code)

14.2. UN proper shipping name:

FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, &lt; 5% N-HEXANE)

14.3. Transport hazard class(es):

3

14.4. Packing group:

II

EmS:

F-E, S-E

Marine Pollutant:

Yes

14.5. Environmental hazards:

environmentally hazardous



### Transport by air (IATA)

14.2. UN proper shipping name:

Flammable liquid, n.o.s. (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, &lt; 5% N-HEXANE)

14.3. Transport hazard class(es):

3

14.4. Packing group:

II

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

Freight 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 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 |
|-------------------|------------------|---|---|
| P5c               |                  | 5000  | 50000   |
| E2                |                  | 200   | 500   |

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 2010/75/EU (VOC):

55 %

Directive 2010/75/EU (VOC):

432,3 g/l

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## SECTION 16: Other information

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Revised sections: 3, 9, 14, 15  
 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                             |
|---|--|
| Flam. Liq. 2, H225  | Classification based on test data.                 |
| Skin Irrit. 2, H315   | Classification according to calculation procedure. |
| STOT SE 3, H336   | Classification according to calculation procedure. |
| Aquatic Chronic 2, H411   | Classification according to calculation procedure. |

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.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

Flam. Liq. — Flammable liquid  
 Skin Irrit. — Skin irritation  
 STOT SE — Specific target organ toxicity - single exposure - narcotic effects  
 Aquatic Chronic — Hazardous to the aquatic environment - chronic  
 Asp. Tox. — Aspiration hazard

### Any abbreviations and acronyms used in this document:

acc., acc. to according, according to  
 ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 AOX Adsorbable organic halogen compounds  
 approx. approximately  
 Art., Art. no. Article number  
 ASTM ASTM International (American Society for Testing and Materials)  
 ATE Acute Toxicity Estimate  
 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)  
 BSEF The International Bromine Council  
 bw body weight  
 CAS Chemical Abstracts Service  
 CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)  
 CMR carcinogenic, mutagenic, reproductive toxic  
 DMEL Derived Minimum Effect Level  
 DNEL Derived No Effect Level  
 dw dry weight  
 e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
 EC European Community  
 ECHA European Chemicals Agency  
 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)  |
| etc.              | et cetera   |
| EU                | European Union  |
| EVAL              | Ethylene-vinyl alcohol copolymer  |
| Fax.              | Fax number  |
| gen.              | general   |
| GHS               | Globally Harmonized System of Classification and Labelling of Chemicals   |
| GWP               | Global warming potential  |
| IARC              | International Agency for Research on Cancer   |
| IATA              | International Air Transport Association   |
| IBC (Code)        | International Bulk Chemical (Code)  |
| IMDG-code         | International Maritime Code for Dangerous Goods   |
| incl.             | including, inclusive  |
| IUCILID           | International Uniform Chemical Information Database   |
| IUPAC             | International Union for Pure Applied Chemistry  |
| LC50              | Lethal Concentration to 50 % of a test population   |
| LD50              | Lethal Dose to 50% of a test population (Median Lethal Dose)  |
| 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   |
| OECD              | Organisation for Economic Co-operation and Development  |
| org.              | organic   |
| PBT               | persistent, bioaccumulative and toxic   |
| PE                | Polyethylene  |
| PNEC              | Predicted No Effect Concentration   |
| ppm               | parts per million   |
| PVC               | Polyvinylchloride   |
| 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)   |
| SVHC              | Substances of Very High Concern   |
| Tel.              | Telephone   |
| UN RTDG           | United Nations Recommendations on the Transport of Dangerous Goods  |
| VOC               | Volatile organic compounds  |
| vPvB              | very persistent and very bioaccumulative  |
| 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.

These statements were made by:

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