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

Revision date / version: 17.09.2024 / 0018

Replacing version dated / version: 10.10.2023 / 0017

Valid from: 17.09.2024 PDF print date: 19.09.2024 Motorbike 2T Synth Street Race

# 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 2T Synth Street Race**

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

See definition of the substance or mixture.

#### 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, 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:**

Landspitali- The National University Hospital of Iceland, tel. +354 543 2222 or 112 (valid only for Iceland)

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

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

+1 872 5888271 (LMR)

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

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

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

#### 2.2 Label elements

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

EUH208-Contains Reaction mass of: dicalcium (bis-R)dihydroxide, tricalcium(tris-R)trihydroxide, poly[calcium(R)hydroxide] with R = (2-hydroxy-5-tetra-propenylphenylmethyl)methylamine. May produce an allergic reaction.

#### 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 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).



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#### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

# n.a. **3.2 Mixtures**

| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics   |                       |
|------------------------------------------------------------------------|-----------------------|
| Registration number (REACH)                                            | 01-2119456620-43-XXXX |
| Index                                                                  |                       |
| EINECS, ELINCS, NLP, REACH-IT List-No.                                 | 926-141-6             |
| CAS                                                                    |                       |
| content %                                                              | 20-<40                |
| Classification according to Regulation (EC) 1272/2008 (CLP), M-factors | EUH066                |
|                                                                        | Asp. Tox 1 H304       |

| Reaction mass of: dicalcium (bis-R)dihydroxide, tricalcium(tris-       |                       |
|------------------------------------------------------------------------|-----------------------|
| R)trihydroxide, poly[calcium(R)hydroxide] with R = (2-hydroxy-5-tetra- |                       |
| propenylphenylmethyl)methylamine                                       |                       |
| Registration number (REACH)                                            | 01-0000016710-77-XXXX |
| Index                                                                  | 020-003-00-0          |
| EINECS, ELINCS, NLP, REACH-IT List-No.                                 | 420-470-4             |
| CAS                                                                    |                       |
| content %                                                              | 0,1-<1                |
| Classification according to Regulation (EC) 1272/2008 (CLP), M-factors | Skin Irrit. 2, H315   |
|                                                                        | Eye Irrit. 2, H319    |
|                                                                        | Skin Sens. 1, H317    |

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.

The addition of the highest concentrations listed here can result in a classification. Only when this classification is listed in Section 2 does it apply. In all other cases the total concentration is below the classification.

#### **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.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Keep Data Sheet available.

#### Ingestion

Do not induce vomiting. Consult doctor immediately.

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:

Drying of the skin.

Irritation of the skin.

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



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#### 4.3 Indication of any immediate medical attention and special treatment needed

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#### **SECTION 5: Firefighting measures**

# 5.1 Extinguishing media Suitable extinguishing media

CO2

Foam

Dry extinguisher

Water jet spray

#### 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:

Toxic gases

Possible build up of explosive/highly flammable vapour/air mixture.

Oxides of carbon

#### 5.3 Advice for firefighters

For personal protective equipment see Section 8.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Dispose of contaminated extinction water according to official regulations.

#### **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.

Ensure sufficient ventilation, remove sources of ignition.

Avoid dust formation with solid or powder products.

Leave the danger zone if possible, use existing emergency plans if necessary.

Avoid inhalation, and contact with eyes or skin.

If applicable, caution - risk of slipping.

Do not carry cleaning cloths soaked in product in trouser pockets.

#### 6.1.2 For emergency responders

See section 8 for suitable protective equipment and material specifications.

#### 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

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.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Take measures against electrostatic charging, if appropriate.



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#### 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

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Protect against moisture and store closed.

#### 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): 1200 mg/m3

| Chemical Name Hydrocarbons, C                  | C11-C14, n-alkanes, isoalkanes, cycl | ics, <2% aromatics |  |
|------------------------------------------------|--------------------------------------|--------------------|--|
| WEL-TWA: 1200 mg/m3 (>=C7 normal and branche   | d WEL-STEL:                          |                    |  |
| chain alkanes)                                 |                                      |                    |  |
| Monitoring procedures: -                       | Draeger - Hydrocarbons 0,1%/c (8     | 1 03 571)          |  |
| -                                              | Draeger - Hydrocarbons 2/a (81 03    | 581)               |  |
| -                                              | Compur - KITA-187 S (551 174)        |                    |  |
| BMGV:                                          |                                      | Other information: |  |
| © Chemical Name Oil mist, mineral              |                                      |                    |  |
| WEL-TWA: 5 mg/m3 (Mineral oil, excluding metal | WEL-STEL:                            |                    |  |
| working fluids, ACGIH)                         |                                      |                    |  |
| Monitoring procedures: -                       | Draeger - Oil Mist 1/a (67 33 031)   |                    |  |
| BMGV:                                          | -                                    | Other information: |  |

- United Kingdom | WEL-TWA = Workplace Exposure Limit Long-term exposure limit 8-hour TWA (= time weighted average) reference period (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).
- (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:
- (8) = Inhalable fraction (2004/37/CE, 2017/164/EU). (9) = Respirable fraction (2004/37/CE, 2017/164/EU). (11) = Inhalable fraction (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 (2004/37/CE).
- | WEL-STEL = Workplace Exposure Limit Short-term exposure limit 15-minute reference period (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).
- (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:
- (8) = Inhalable fraction (2004/37/EC, 2017/164/EU). (9) = Respirable fraction (2004/37/EC, 2017/164/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU).
- | BMGV = Biological monitoring guidance value (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).
- (EU) = Directive 98/24/EC or 2004/37/EC or SCOEL (Biological Limit Value BLV, Recommendation from the Scientific Committee on Occupational Exposure Limits (SCOEL)) |
- Other information (EH40/2005 Workplace exposure limits (Fourth Edition 2020)): Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
- (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:
- (13) = The substance can cause sensitisation of the skin and of the respiratory tract (2004/37/CE), (14) = The substance can cause sensitisation of the skin (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.



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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.

Eye/face protection:

Tight fitting protective goggles (EN 166) with side protection, with danger of splashes.

Skin protection - Hand protection:

Protective nitrile gloves (EN ISO 374).

Minimum layer thickness in mm:

Permeation time (penetration time) in minutes:

>= 480

Protective Neoprene® / polychloroprene gloves (EN ISO 374).

Protective hand cream recommended.

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 working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

If OES or MEL is exceeded.

Filter A - P2 (EN 14387)

Observe wearing time limitations for respiratory protection equipment.

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

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: Red Odour:

Characteristic

Melting point/freezing point: There is no information available on this parameter. Boiling point or initial boiling point and boiling range: There is no information available on this parameter.

Flammability: There is no information available on this parameter. Lower explosion limit: There is no information available on this parameter. Upper explosion limit: There is no information available on this parameter.

Flash point: 98 °C

Auto-ignition temperature: There is no information available on this parameter. Decomposition temperature: There is no information available on this parameter.

Mixture is non-soluble (in water). pH:

Kinematic viscosity: 50,0 mm2/s (40°C)



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Kinematic viscosity:

Solubility:

Partition coefficient n-octanol/water (log value):

Vapour pressure:

Density and/or relative density:

Relative vapour density:

Particle characteristics:

9.2 Other information No information available at present. 9,1 mm2/s (100°C)

Insoluble

Does not apply to mixtures.

There is no information available on this parameter.

0,875 g/cm3

There is no information available on this parameter.

Does not apply to liquids.

#### **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

Hazardous reactions will not occur during storage and handling under normal conditions.

#### 10.4 Conditions to avoid

Protect from humidity.

Open flame, ignition sources

#### 10.5 Incompatible materials

Avoid contact with strong oxidizing agents.

Avoid contact with other chemicals.

#### 10.6 Hazardous decomposition products

No decomposition when used as directed.

#### **SECTION 11: Toxicological information**

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

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

| 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              |          |       |      |          |             | n.d.a. |
| sensitisation:                   |          |       |      |          |             |        |
| Germ cell mutagenicity:          |          |       |      |          |             | n.d.a. |
| Carcinogenicity:                 |          |       |      |          |             | n.d.a. |
| Reproductive toxicity:           |          |       |      |          |             | n.d.a. |
| Specific target organ toxicity - |          |       |      |          |             | n.d.a. |
| single exposure (STOT-SE):       |          |       |      |          |             |        |
| Specific target organ toxicity - |          |       |      |          |             | n.d.a. |
| repeated exposure (STOT-RE):     |          |       |      |          |             |        |
| Aspiration hazard:               |          |       |      |          |             | n.d.a. |
| Symptoms:                        |          |       |      |          |             | n.d.a. |

| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics |          |       |          |          |                      |         |  |  |
|----------------------------------------------------------------------|----------|-------|----------|----------|----------------------|---------|--|--|
| 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     | >5000 | mg/kg    | Rabbit   | OECD 402 (Acute      |         |  |  |
|                                                                      |          |       |          |          | Dermal Toxicity)     |         |  |  |
| Acute toxicity, by inhalation:                                       | LC50     | >5000 | mg/m3/8h | Rat      | OECD 403 (Acute      | Vapours |  |  |
|                                                                      |          |       |          |          | Inhalation Toxicity) |         |  |  |



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| Skin corrosion/irritation:       |       |        |       | Rabbit      | OECD 404 (Acute                 | Not irritant,         |
|----------------------------------|-------|--------|-------|-------------|---------------------------------|-----------------------|
|                                  |       |        |       | 1100011     | Dermal<br>Irritation/Corrosion) | Analogous             |
| Serious eye damage/irritation:   |       |        |       | Rabbit      | OECD 405 (Acute Eye             | Not irritant,         |
| Jones of admage, main            |       |        |       |             | Irritation/Corrosion)           | Analogous             |
|                                  |       |        |       |             |                                 | conclusion            |
| Respiratory or skin              |       |        |       | Guinea pig  | OECD 406 (Skin                  | No (skin              |
| sensitisation:                   |       |        |       |             | Sensitisation)                  | contact),             |
|                                  |       |        |       |             | ,                               | Analogous             |
|                                  |       |        |       |             |                                 | conclusion            |
| Germ cell mutagenicity:          |       |        |       | Mouse       | in vivo                         | Negative              |
| Germ cell mutagenicity:          |       |        |       | Salmonella  | OECD 471 (Bacterial             | Negative,             |
|                                  |       |        |       | typhimurium | Reverse Mutation Test)          | Analogous             |
|                                  |       |        |       |             |                                 | conclusion            |
| Germ cell mutagenicity:          |       |        |       |             | OECD 473 (In Vitro              | Negative              |
|                                  |       |        |       |             | Mammalian                       |                       |
|                                  |       |        |       |             | Chromosome                      |                       |
|                                  |       |        |       |             | Aberration Test)                |                       |
| Germ cell mutagenicity:          |       |        |       | Mouse       | OECD 476 (In Vitro              | Negative,             |
|                                  |       |        |       |             | Mammalian Cell Gene             | Analogous             |
|                                  |       |        |       |             | Mutation Test)                  | conclusion            |
| Carcinogenicity:                 |       |        |       |             | OECD 453 (Combined              | Analogous             |
|                                  |       |        |       |             | Chronic                         | conclusion,           |
|                                  |       |        |       |             | Toxicity/Carcinogenicity        | Negative              |
| D 1 0 1 1 1                      |       |        |       |             | Studies)                        |                       |
| Reproductive toxicity:           |       |        |       |             | OECD 414 (Prenatal              | Analogous             |
|                                  |       |        |       |             | Developmental Toxicity          | conclusion,           |
| Specific target organ toxicity - |       |        |       |             | Study)                          | Negative<br>Analogous |
| single exposure (STOT-SE):       |       |        |       |             |                                 | conclusion, No        |
| single exposure (STOT-SE).       |       |        |       |             |                                 | indications of        |
|                                  |       |        |       |             |                                 | such an effect.       |
| Specific target organ toxicity - | NOAEL | >=1000 | mg/kg | Rat         | OECD 408 (Repeated              | Such an ellect.       |
| repeated exposure (STOT-RE):     | NOALL | >=1000 | bw/d  | itat        | Dose 90-Day Oral                |                       |
| repeated exposure (0101 NE).     |       |        | DW/G  |             | Toxicity Study in               |                       |
|                                  |       |        |       |             | Rodents)                        |                       |
| Aspiration hazard:               |       |        |       |             | redentey                        | Yes                   |
| Symptoms:                        |       |        |       |             |                                 | drying of the         |
| •                                |       |        |       |             |                                 | skin.,                |
|                                  |       |        |       |             |                                 | headaches,            |
|                                  |       |        |       |             |                                 | fatigue,              |
|                                  |       |        |       |             |                                 | dizziness,            |
|                                  |       |        |       |             |                                 | nausea,               |
|                                  |       |        |       |             |                                 | diarrhoea,            |
|                                  |       |        |       |             |                                 | vomiting              |

| Reaction mass of: dicalcium (b   | Reaction mass of: dicalcium (bis-R)dihydroxide, tricalcium(tris-R)trihydroxide, poly[calcium(R)hydroxide] with R = (2-hydroxy-5-tetra- |       |      |          |               |                 |  |  |  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|------|----------|---------------|-----------------|--|--|--|
| propenylphenylmethyl)methylamine |                                                                                                                                        |       |      |          |               |                 |  |  |  |
| Toxicity / effect                | Endpoint                                                                                                                               | Value | Unit | Organism | Test method   | Notes           |  |  |  |
| Skin corrosion/irritation:       | _                                                                                                                                      |       |      |          | U.S. EPA 81-5 | Irritant        |  |  |  |
| Serious eye damage/irritation:   |                                                                                                                                        |       |      |          |               | IrritantEPA OPP |  |  |  |
|                                  |                                                                                                                                        |       |      |          |               | 81-4            |  |  |  |
| Respiratory or skin              |                                                                                                                                        |       |      |          |               | SensitisingEPA  |  |  |  |
| sensitisation:                   |                                                                                                                                        |       |      |          |               | OPP 81-6        |  |  |  |

#### 11.2. Information on other hazards

| Motorbike 2T Synth Street Race   |          |       |      |          |             |                             |  |  |
|----------------------------------|----------|-------|------|----------|-------------|-----------------------------|--|--|
| Toxicity / effect                | Endpoint | Value | Unit | Organism | Test method | Notes                       |  |  |
| Endocrine disrupting properties: |          |       |      |          |             | Does not apply to mixtures. |  |  |



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| Other information: |  |  | No other        |
|--------------------|--|--|-----------------|
|                    |  |  | relevant        |
|                    |  |  | information     |
|                    |  |  | available on    |
|                    |  |  | adverse effects |
|                    |  |  | on health.      |

# **SECTION 12: Ecological information**

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

| Motorbike 2T Synth Stre<br>Toxicity / effect | Endpoint   | Time  | Value | Unit  | Organism | Test method   | Notes            |
|----------------------------------------------|------------|-------|-------|-------|----------|---------------|------------------|
| 12.1. Toxicity to fish:                      | Liiupoiiit | Tille | Value | Oilit | Organism | restilletilou | n.d.a.           |
|                                              |            |       |       |       |          |               |                  |
| 12.1. Toxicity to daphnia:                   |            |       |       |       |          |               | n.d.a.           |
| 12.1. Toxicity to algae:                     |            |       |       |       |          |               | n.d.a.           |
| 12.2. Persistence and                        |            |       |       |       |          |               | n.d.a.           |
| degradability:                               |            |       |       |       |          |               |                  |
| 12.3. Bioaccumulative                        |            |       |       |       |          |               | n.d.a.           |
| potential:                                   |            |       |       |       |          |               |                  |
| 12.4. Mobility in soil:                      |            |       |       |       |          |               | n.d.a.           |
| 12.5. Results of PBT                         |            |       |       |       |          |               | n.d.a.           |
| and vPvB assessment                          |            |       |       |       |          |               |                  |
| 12.6. Endocrine                              |            |       |       |       |          |               | Does not apply   |
| disrupting properties:                       |            |       |       |       |          |               | to mixtures.     |
| 12.7. Other adverse                          |            |       |       |       |          |               | No information   |
| effects:                                     |            |       |       |       |          |               | available on     |
|                                              |            |       |       |       |          |               | other adverse    |
|                                              |            |       |       |       |          |               | effects on the   |
|                                              |            |       |       |       |          |               | environment.     |
| Other information:                           |            |       |       |       |          |               | DOC-elimination  |
| Caror information.                           |            |       |       |       |          |               | degree(complexi  |
|                                              |            |       |       |       |          |               | ng organic       |
|                                              |            |       |       |       |          |               | substance)>=     |
|                                              |            |       |       |       |          |               | 80%/28d: No      |
| Other information:                           | AOX        |       |       | %     |          |               |                  |
| Other information.                           | AUA        |       |       | 70    |          |               | According to the |
|                                              |            |       |       |       |          |               | recipe, contains |
|                                              |            |       |       |       |          |               | no AOX.          |

| Toxicity / effect                | Endpoint | Time | Value | Unit | Organism           | Test method        | Notes         |
|----------------------------------|----------|------|-------|------|--------------------|--------------------|---------------|
| 12.1. Toxicity to fish:          | NOELR    | 28d  | 0,17  | mg/l | Oncorhynchus       | QSAR               |               |
| •                                |          |      |       |      | mykiss             |                    |               |
| 12.1. Toxicity to fish:          | LL50     | 96h  | >1000 | mg/l | Oncorhynchus       | OECD 203 (Fish,    |               |
|                                  |          |      |       |      | mykiss             | Acute Toxicity     |               |
|                                  |          |      |       |      |                    | Test)              |               |
| 12.1. Toxicity to daphnia:       | NOELR    | 21d  | 1,22  | mg/l | Daphnia magna      | QSAR               |               |
| 12.1. Toxicity to daphnia:       | EL50     | 48h  | >1000 | mg/l | Daphnia magna      | OECD 202           |               |
|                                  |          |      |       |      |                    | (Daphnia sp.       |               |
|                                  |          |      |       |      |                    | Acute              |               |
|                                  |          |      |       |      |                    | Immobilisation     |               |
|                                  |          |      |       |      |                    | Test)              |               |
| 12.1. Toxicity to algae:         | NOELR    | 72h  | 1000  | mg/l | Pseudokirchneriell | OECD 201 (Alga,    |               |
|                                  |          |      |       |      | a subcapitata      | Growth Inhibition  |               |
|                                  |          |      |       |      |                    | Test)              |               |
| 12.2. Persistence and            |          | 28d  | 69    | %    |                    | OECD 301 F         | Readily       |
| degradability:                   |          |      |       |      |                    | (Ready             | biodegradable |
|                                  |          |      |       |      |                    | Biodegradability - |               |
|                                  |          |      |       |      |                    | Manometric         |               |
|                                  |          |      |       |      |                    | Respirometry Test) |               |
| 12.3. Bioaccumulative potential: | Log Pow  |      | 6-8   |      |                    |                    | High          |



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| 12.5. Results of PBT and vPvB assessment |  |  |  | No PBT substance, No |
|------------------------------------------|--|--|--|----------------------|
| and ve vid assessment                    |  |  |  | vPvB substance       |
| Water solubility:                        |  |  |  | Insoluble            |

#### **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 99 wastes not otherwise specified

13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

#### For contaminated packing material

Pay attention to local and national official regulations.

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

#### **SECTION 14: Transport information**

#### **General statements**

Transport by road/by rail (ADR/RID)

14.1. UN number or ID number: Not applicable

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class(es): Not applicable 14.4. Packing group: Not applicable 14.5. Environmental hazards: Not applicable Tunnel restriction code: Not applicable Classification code: Not applicable Not applicable LQ: Not applicable Transport category:

Transport by sea (IMDG-code)

14.1. UN number or ID number: Not applicable

14.2. UN proper shipping name:

Not applicable

Not applicable 14.3. Transport hazard class(es): Not applicable 14.4. Packing group: 14.5. Environmental hazards: Not applicable Marine Pollutant: Not applicable Not applicable EmS:

Transport by air (IATA)

14.1. UN number or ID number: Not applicable

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class(es): Not applicable 14.4. Packing group: Not applicable 14.5. Environmental hazards: Not applicable

#### 14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.



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#### 14.7. Maritime transport in bulk according to IMO instruments

Non-dangerous material according to Transport Regulations.

#### **SECTION 15: Regulatory information**

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

Observe restrictions:

General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC):

29 %

National requirements/regulations on safety and health protection must be applied when using work equipment.

#### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

#### **SECTION 16: Other information**

Revised sections:

2, 3, 5, 11

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

Not applicable

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

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

EUH066 Repeated exposure may cause skin dryness or cracking.

Asp. Tox. — Aspiration hazard Skin Irrit. — Skin irritation

Eye Irrit. — Eye irritation

Skin Sens. — Skin sensitization

#### **Key literature references and sources for data:**

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.

Guidelines for the preparation of safety data sheets as amended (ECHA).

Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA).

Safety data sheets for the constituent substances.

ECHA Homepage - Information about chemicals.

GESTIS Substance Database (Germany).

German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany).

EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended.

Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

#### 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



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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)

BCF Bioconcentration factor

BSEF The International Bromine Council 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
DOC Dissolved organic carbon

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants)

EC European Community
ECHA European Chemicals Agency

ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect

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)

ErCx, EµCx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants)

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

Koc Adsorption coefficient of organic carbon in the soil

Kow octanol-water partition coefficient

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

IUCLID 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)

Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

mg/kg bw mg/kg body weight

mg/kg bw/d, mg/kg bw/day mg/kg body weight/day mg/kg dw mg/kg dry weight

mg/kg wwt mg/kg wet weight n.a. not applicable n.av. not available

n.c. not available n.d.a. no data available

NIOSH National Institute for Occupational Safety and Health (USA)

NLP No-longer-Polymer

NOEC, NOEL No Observed Effect Concentration/Level

OECD Organisation for Economic Co-operation and Development

org. organic

OSHA Occupational Safety and Health Administration (USA)

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million



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Polyvinylchloride

REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,

Evaluation, Authorisation and Restriction of Chemicals)

6/7/8/9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical REACH-IT List-No. 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

TOC Total organic carbon

**UN RTDG** United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

very persistent and very bioaccumulative vPvB

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: Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

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