

**TUNFLUID G 100 1000I D-GB-F-I-E-PL ÖI**

Print date: 21.11.2020

Product code: 1104255

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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

Lubricant

1.3. Details of the supplier of the safety data sheet

| | | |
|---------------|----------------------------|---------------------------------|
| Company name: | TUNAP GmbH & Co. KG | |
| Street: | Bürgermeister-Seidl-Str. 2 | |
| Place: | D-82515 Wolfratshausen | |
| Telephone: | +49 (0) 8171/1600 - 0 | Telefax: +49 (0) 8171/1600 - 40 |
| e-mail: | sdb@tunap.com | |
| Internet: | www.tunap.com | |

1.4. Emergency telephone number: +49 (0) 30 30 686 790 (Giftnotruf Berlin)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container according to the official regulations.

Special labelling of certain mixtures

EUH208 Contains Polysulfides, di-tert-butyl, Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts, Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched). May produce an allergic reaction.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

| CAS No | Chemical name | | | Quantity |
|--------------|---|----------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 68937-96-2 | Polysulfides, di-tert-butyl | | | 0.1 - < 1 % |
| | 273-103-3 | | 01-2119540515-43 | |
| | Skin Sens. 1, Aquatic Chronic 3; H317 H412 | | | |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | | | 0.1 - < 1 % |
| | 939-603-7 | | 01-2119978241-36 | |
| | Skin Sens. 1B; H317 | | | |
| | Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) | | | 0.1 - < 1 % |
| | 931-384-6 | | 01-2119493620-38 | |
| | Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2; H302 H318 H317 H411 | | | |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | | | < 0.1 % |
| | 273-066-3 | | 01-2119535109-41 | |
| | Repr. 2, STOT RE 2, Aquatic Chronic 1; H361fd H373 H410 | | | |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | | | < 0.1 % |
| | 627-034-4 | | 01-2119473797-19 | |
| | Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H318 H335 H373 H304 H400 H410 | | | |

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

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Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO₂). Extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Observe instructions for use.
Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
When using do not eat, drink, smoke, sniff.
Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Further information on handling

Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Observe legal regulations and provisions.

Hints on joint storage

Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.



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Further information on storage conditions

Store in a cool dry place. Observe legal regulations and provisions.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|--|----------------|----------|--------------------------|
| 68937-96-2 | Polysulfides, di-tert-butyl | | | |
| Worker DNEL, long-term | | inhalation | systemic | 3,29 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 4,67 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 0,58 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 1,67 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 0,167 mg/kg bw/day |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | | | |
| Worker DNEL, long-term | | inhalation | systemic | 35,26 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 25 mg/kg bw/day |
| Worker DNEL, acute | | dermal | local | 1,04 mg/cm ² |
| Consumer DNEL, long-term | | inhalation | systemic | 8,7 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 12,5 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | local | 0,518 mg/cm ² |
| Consumer DNEL, long-term | | oral | systemic | 2,5 mg/kg bw/day |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | | | |
| Worker DNEL, long-term | | inhalation | systemic | 0,145 mg/m ³ |
| Worker DNEL, acute | | inhalation | systemic | 700 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,416 mg/kg bw/day |
| Worker DNEL, acute | | dermal | systemic | 2000 mg/kg bw/day |
| Worker DNEL, acute | | dermal | local | 16 mg/cm ² |
| Consumer DNEL, acute | | inhalation | systemic | 350 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 0,208 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | systemic | 100 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | local | 8 mg/cm ² |
| Consumer DNEL, long-term | | oral | systemic | 0,04 mg/kg bw/day |
| Consumer DNEL, acute | | oral | systemic | 50 mg/kg bw/day |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | | | |
| Worker DNEL, long-term | | inhalation | systemic | 0,38 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 1 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 1 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 0,035 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 0,04 mg/kg bw/day |

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PNEC values

| CAS No | Substance | Value |
|--|--|----------------|
| Environmental compartment | | Value |
| 68937-96-2 | Polysulfides, di-tert-butyl | |
| Freshwater | | 0,00024 mg/l |
| Freshwater (intermittent releases) | | 0,002 mg/l |
| Marine water | | 0,000024 mg/l |
| Freshwater sediment | | 0,94 mg/kg |
| Marine sediment | | 0,094 mg/kg |
| Secondary poisoning | | 6,66 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 4,51 mg/l |
| Soil | | 0,0181 mg/kg |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | |
| Freshwater | | 0,1 mg/l |
| Freshwater (intermittent releases) | | 1 mg/l |
| Marine water | | 0,1 mg/l |
| Freshwater sediment | | 45211 mg/kg |
| Marine sediment | | 45211 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 1000 mg/l |
| Soil | | 36739,74 mg/kg |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | |
| Freshwater | | 0 mg/l |
| Freshwater (intermittent releases) | | 0,015 mg/l |
| Marine water | | 0 mg/l |
| Freshwater sediment | | 0,185 mg/kg |
| Marine sediment | | 0,018 mg/kg |
| Secondary poisoning | | 1,85 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 100 mg/l |
| Soil | | 2,5 mg/kg |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | |
| Freshwater | | 0,00026 mg/l |
| Freshwater (intermittent releases) | | 0,0016 mg/l |
| Marine water | | 0,000026 mg/l |
| Freshwater sediment | | 3,76 mg/kg |
| Marine sediment | | 0,376 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 0,55 mg/l |
| Soil | | 10 mg/kg |

Additional advice on limit values

- a no restriction
- b End of exposure or end of shift
- c at long term exposure: after several previous shifts
- d before next shift


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blood (B)
Urine (U)

8.2. Exposure controls
Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Protective and hygiene measures

Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses.

DIN EN 166

Hand protection

Protect skin by using skin protective cream. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber) Breakthrough time (maximum wearing time) 480min

Thickness of the glove material 0,45 mm

EN ISO 374

Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

When exceeding the relevant workplace exposure limits, note the following:

Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..

Filtering device with filter or ventilator filtering device of type: A

Observe the wear time limits as specified by the manufacturer.

Observe legal regulations and provisions.

Environmental exposure controls

Observe legal regulations and provisions.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: yellow-brown
Odour: characteristic

pH-Value (at 20 °C):

Test method

DIN 19268

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: > 400 °C

Flash point: > 200 °C ISO 3679

Flammability

Solid: not applicable

Gas: not applicable

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

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Decomposition temperature:

not determined

Oxidizing properties

Not oxidising.

Vapour pressure:

not determined

Density (at 20 °C):

0,8825 g/cm³ DIN 51757

Water solubility:

The study does not need to be conducted because the substance is known to be insoluble in water.

Solubility in other solvents

not determined

Partition coefficient:

not determined

Viscosity / dynamic:

DIN 53019-1

Viscosity / kinematic:
(at 40 °C)102,5 mm²/s DIN EN ISO 3104Flow time:
(at 20 °C)

DIN EN ISO 2431

Vapour density:

not determined

Evaporation rate:

not determined

9.2. Other information

Solid content:

not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharges.

10.5. Incompatible materials

Oxidizing agents. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

Further information

Do not mix with other chemicals.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

There are no data available on the mixture itself.


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Acute toxicity

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

| CAS No | Chemical name | | | |
|--------------|---|------------------------------|---------|---------------------|
| | Exposure route | Dose | Species | Source |
| 68937-96-2 | Polysulfides, di-tert-butyl | | | |
| | oral | LD50 > 2000 mg/kg | Rat | |
| | dermal | LD50 > 2000 mg/kg | Rat | |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | | | |
| | oral | LD50 > 10000 - < 20000 mg/kg | Rat | Study report (1972) |
| | dermal | LD50 > 2000 mg/kg | Rat | Study report (1989) |
| | Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) | | | |
| | oral | LD50 >2000 mg/kg | Rat | |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | | | |
| | oral | LD50 > 5000 mg/kg | Rat | |
| | dermal | LD50 > 10000 mg/kg | Rabbit | Study report (1976) |
| | inhalation (1 h) aerosol | LC50 > 200 mg/l | Rat | |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | | | |
| | oral | LD50 1689 mg/kg | Rat | Study report (1993) |
| | dermal | LD50 > 2000 mg/kg | Rat | Study report (1985) |
| | inhalation (4 h) vapour | LC50 >20 mg/l | Rat | |

Irritation and corrosivity

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

Sensitising effects

Contains Polysulfides, di-tert-butyl, Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts, Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched). May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Specific effects in experiment on an animal

No information available.

SECTION 12: Ecological information


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12.1. Toxicity

Harmful to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | |
|--------------|---|-------------------|-----------|---|----------------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source |
| 68937-96-2 | Polysulfides, di-tert-butyl | | | | |
| | Acute fish toxicity | LC50 > 0,088 mg/l | 96 h | Brachydanio rerio (zebra-fish) | |
| | Acute algae toxicity | ErC50 0,838 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Registration Dossier |
| | Acute crustacea toxicity | EC50 63 mg/l | 48 h | Daphnia magna | Study report (2013) |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | | | | |
| | Acute fish toxicity | LC50 > 100 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | |
| | Acute algae toxicity | ErC50 > 1000 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (1994) |
| | Acute crustacea toxicity | EC50 > 1000 mg/l | 48 h | Daphnia magna | Study report (1993) |
| | Acute bacteria toxicity | (> 10000 mg/l) | 3 h | activated sludge of a predominantly domestic sewage | Study report (1994) |
| | Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) | | | | |
| | Acute fish toxicity | LC50 24 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | |
| | Acute algae toxicity | ErC50 15 mg/l | 96 h | Selenastrum capricornutum | |
| | Acute crustacea toxicity | EC50 91,4 mg/l | 48 h | Daphnia magna | |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | | | | |
| | Acute fish toxicity | LC50 1,6 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | REACH Registration Dossier |
| | Acute crustacea toxicity | EC50 2.44 mg/l | 48 h | Daphnia magna | REACH Registration Dossier |
| | Fish toxicity | NOEC 0,0031 mg/l | 33 d | Pimephales promelas | REACH Registration Dossier |
| | Crustacea toxicity | NOEC 0,0415 mg/l | 21 d | Daphnia magna | REACH Registration Dossier |
| | Acute bacteria toxicity | (> 1000 mg/l) | 3 h | activated sludge, domestic | REACH Registration Dossier |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | | | | |
| | Acute fish toxicity | LC50 0,84 mg/l | 96 h | Danio rerio | Study report (2006) |
| | Acute algae toxicity | ErC50 0,39 mg/l | 72 h | Desmodesmus subspicatus | Study report (2002) |
| | Acute crustacea toxicity | EC50 0,32 mg/l | 48 h | Daphnia magna | Study report (2006) |
| | Crustacea toxicity | NOEC 0,013 mg/l | 21 d | Daphnia magna | Study report (2002) |
| | Acute bacteria toxicity | (32 mg/l) | 3 h | activated sludge of a predominantly domestic sewage | Study report (1989) |

12.2. Persistence and degradability

The product has not been tested.



according to Regulation (EC) No 1907/2006

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| CAS No | Chemical name | Method | Value | d | Source |
|--------------|--|--------|-------|----|--------|
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | | 44 | 28 | |

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|--------------|--|----------------|
| 68937-96-2 | Polysulfides, di-tert-butyl | 5,6 |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | > 6,91 |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | 85000 - 150000 |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | 5,16 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|--------------|--|-------|------------------------------|--------------------------|
| 68937-96-2 | Polysulfides, di-tert-butyl | 0,006 | Lepomis macrochirus | Study report (2015) |
| 1471316-72-9 | Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts | 70,8 | Fish, not further specified. | Study report (2013) |
| 68937-41-7 | Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate >5%] | 225 | Lepomis macrochirus | REACH Registration D |
| 1213789-63-9 | (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines | 173 | | Environmental Toxicology |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

No special environmental measures are necessary.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

130208 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; other engine, gear and lubricating oils; hazardous waste

List of Wastes Code - used product

130208 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; other engine, gear and lubricating oils; hazardous waste

List of Wastes Code - contaminated packaging

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150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.
 Marine pollutant: no

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

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

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

Additional information

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



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National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2, 12, 15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL/DMEL: Derived No Effect Level / Derived Minimal Effect Level

WEL (UK): Workplace Exposure Limits

TWA (EC): Time-Weighted Average

ATE: Acute Toxicity Estimate

STEL (EC) Short Term Exposure Limit

LC50: Lethal Concentration

EC50: half maximal Effective Concentration

ErC50: means EC50 in terms of reduction of growth rate

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains Polysulfides, di-tert-butyl, Benzenesulfonic acids, di-C10-14-alkyl derivatives, calcium salts, Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched). May produce an allergic reaction. |

Further Information

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

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



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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)