

Page 1 of 12
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision date / version: 22.06.2020 / 0005
Replacing version dated / version: 10.10.2019 / 0004
Valid from: 22.06.2020
PDF print date: 23.06.2020
Pro-Line Turbolader Additiv 20 g
Art.: 20766

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

Pro-Line Turbolader Additiv 20 g
Art.: 20766

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

Relevant identified uses of the substance or mixture:

Motor oil

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:

Telephone number of the company in case of emergencies:

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

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 |
|-----------------|-----------------|---|
| Aquatic Chronic | 3 | H412-Harmful to aquatic life with long lasting effects. |

2.2 Label elements

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

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

H412-Harmful to aquatic life with long lasting effects.

P273-Avoid release to the environment.

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

EUH208-Contains Polysulfides, di-tert-Bu. 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 %).

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

| | |
|---|--|
| Baseoil - unspecified * | |
| Registration number (REACH) | --- |
| Index | --- |
| EINECS, ELINCS, NLP | --- |
| CAS | --- |
| content % | 1-<15 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Asp. Tox. 1, H304 |
| Polysulfides, di-tert-Bu | Substance with specific conc. limit(s) acc. to REACH-registration |
| Registration number (REACH) | 01-2119540515-43-XXXX |
| Index | --- |
| EINECS, ELINCS, NLP | 273-103-3 |
| CAS | 68937-96-2 |
| content % | 1-<10 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Skin Sens. 1B, H317 Aquatic Chronic 3, H412 |
| Zinc O,O',O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) | Substance with specific conc. limit(s) acc. to REACH-registration |
| Registration number (REACH) | 01-2119953275-34-XXXX |
| Index | --- |
| EINECS, ELINCS, NLP | 218-679-9 |
| CAS | 2215-35-2 |
| content % | 1-<5 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411 |
| Benzenesulfonic acid, mono-C20-24(even)-sec-alkyl derivs., para-, sodium salts | |
| Registration number (REACH) | 01-2120743157-55-XXXX |
| Index | --- |
| EINECS, ELINCS, NLP | 946-212-5 (REACH-IT List-No.) |
| CAS | --- |
| content % | 1-<5 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Eye Irrit. 2, H319 |

Page 3 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

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

* The contained mineral oil can be described by one or more of the following numbers:

| EINECS, ELINCS, NLP | Registration number (REACH) | Chemical name |
|---------------------|-----------------------------|---|
| 265-157-1 | 01-2119484627-25-XXXX | Distillates (petroleum), hydrotreated heavy paraffinic |
| 265-169-7 | 01-2119471299-27-XXXX | Distillates (petroleum), solvent-dewaxed heavy paraffinic |
| 265-158-7 | 01-2119487077-29-XXXX | Distillates (petroleum), hydrotreated light paraffinic |
| 265-159-2 | 01-2119480132-48-XXXX | Distillates (petroleum), solvent-dewaxed light paraffinic |

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.

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

Remove contact lenses.
 Wash thoroughly for several minutes using copious water. Seek medical help if necessary.
 Immediately rinse the eyes with plenty of water for at least ten minutes, holding the eyelids properly open.
 Follow-up examination by an ophthalmologist.

Ingestion

Rinse the mouth thoroughly with water.
 Do not induce vomiting. Consult doctor immediately.

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.
 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

Water jet spray/foam/CO2/dry extinguisher

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
 Oxides of phosphorus
 Oxides of sulphur
 Oxides of nitrogen
 Aldehydes
 Toxic gases

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
 Protective respirator with independent air supply.
 According to size of fire
 Full protection, if necessary.

GB

Page 4 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient supply of air.
 Avoid formation of oil mist.
 Avoid 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.
 If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) 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.
 Avoid contact with eyes or skin.
 Do not carry cleaning cloths soaked in product in trouser pockets.
 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.
 Under all circumstances prevent penetration into the soil.
 Store at room temperature.
 Store in a dry place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Chemical Name | Molybdenum disulphide | | Content %: |
|---|--|-----|------------|
| WEL-TWA: 10 mg/m3 (molybdenum insoluble compounds, as Mo) | WEL-STEL: 20 mg/m3 (molybdenum insoluble compounds, as Mo) | --- | |
| Monitoring procedures: --- | | | |
| BMGV: --- | Other information: --- | | |
| Chemical Name | Oil mist, mineral | | Content %: |

GB

Page 5 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

| | | |
|---|------------------------|-----|
| 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: --- | |

| Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) | | | | | | |
|--|--|-----------------------------|------------|-------|--------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - freshwater | | PNEC | 0,004 | mg/l | |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 2,13 | mg/m3 | |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 6,1 | mg/kg bw/day | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 0,24 | mg/kg bw/day | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 8,6 | mg/m3 | |
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 12,2 | mg/kg bw/day | |

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. BS EN 14042.
 BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

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

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

Skin protection - Hand protection:
 Protective gloves, oil resistant (EN 374).
 If applicable
 Protective nitrile gloves (EN 374).
 Protective Neoprene® / polychloroprene gloves (EN 374).

Page 6 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

Minimum layer thickness in mm:

0,5

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 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.

With oil mist formation:

Filter A2 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: | Black |
| 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: | 100 °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: | 1,0013 g/ml (20°C) |
| Bulk density: | Not determined |
| Solubility(ies): | Not determined |
| Water solubility: | Not determined |
| Partition coefficient (n-octanol/water): | Not determined |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | Not determined |
| Viscosity: | 304,31 mm ² /s (20°C) |
| Explosive properties: | Not determined |
| Oxidising properties: | Not determined |

9.2 Other information

| | |
|---------------------------|----------------|
| Miscibility: | Not determined |
| Fat solubility / solvent: | Not determined |

Page 7 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

Conductivity: Not determined
 Surface tension: Not determined
 Solvents content: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable when handled and stored correctly.

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

10.5 Incompatible materials

See also section 7.

Avoid contact with strong oxidizing agents.

Avoid contact with strong alkalis.

Avoid contact with strong acids.

Amines

Aldehydes

Reducing agent

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).

Pro-Line Turbolader Additiv 20 g

Art.: 20766

| 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. |

Baseoil - unspecified

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|------------------------------------|----------|-------|------|----------|-------------|-----------------|
| Respiratory or skin sensitisation: | | | | | | Not sensitizing |
| Aspiration hazard: | | | | | | Yes |

Zinc O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate)

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|-------------------|----------|-------|------|----------|-------------|-------|
|-------------------|----------|-------|------|----------|-------------|-------|

Page 8 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

| | | | | | | |
|------------------------------------|------|------|-------|------------|--|-------------------------|
| Acute toxicity, by oral route: | LD50 | 2230 | mg/kg | Rat | OECD 401 (Acute Oral Toxicity) | |
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Skin Irrit. 2, Irritant |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Eye Dam. 1 |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | No (skin contact) |

| Molybdenum disulphide | | | | | | |
|------------------------------------|----------|-------|-----------------------|------------|--|----------------------------|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Acute toxicity, by oral route: | LD50 | >2000 | mg/kg | Rat | | |
| Acute toxicity, by dermal route: | LD50 | >2000 | mg/kg | Rat | | |
| Acute toxicity, by inhalation: | LC50 | >2820 | mg/m ³ /4h | Rat | | |
| Skin corrosion/irritation: | | | | Rabbit | | Not irritant |
| Serious eye damage/irritation: | | | | Rabbit | | Mild irritant |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | Not sensitising |
| Respiratory or skin sensitisation: | | | | | | No (skin contact) |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Symptoms: | | | | | | mucous membrane irritation |

SECTION 12: Ecological information

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

| Pro-Line Turbolader Additiv 20 g Art.: 20766 | | | | | | | |
|---|----------|------|-------|------|----------|-------------|--------|
| 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. |

| Baseoil - unspecified | | | | | | | |
|--------------------------------------|-----------|------|--------|------|-------------------------|--|---------------------------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | LC50 | 96h | >100 | mg/l | Pimephales promelas | | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | >10000 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 21d | >10 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to algae: | EC50 | 72h | >100 | mg/l | Scenedesmus quadricauda | | |
| 12.2. Persistence and degradability: | | 28d | 31 | % | | OECD 301 B (Ready Biodegradability - Co2 Evolution Test) | Not readily biodegradable |

| Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) | | | | | | | |
|--|----------|------|-------|------|----------|-------------|-------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |

Page 9 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

| | | | | | | | |
|--------------------------------------|-----------|-----|-----|------|-------------------------|--|---------------------------|
| 12.1. Toxicity to fish: | LC50 | 96h | 4,5 | mg/l | Oncorhynchus mykiss | OECD 203 (Fish, Acute Toxicity Test) | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | 23 | mg/l | Daphnia magna | OECD 202 (Daphnia sp. Acute Immobilisation Test) | |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 21d | 0,4 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to algae: | EC50 | 72h | 24 | mg/l | Desmodesmus subspicatus | OECD 201 (Alga, Growth Inhibition Test) | |
| 12.2. Persistence and degradability: | COD | 28d | 1,5 | % | | OECD 301 B (Ready Biodegradability - Co2 Evolution Test) | Not readily biodegradable |
| 12.3. Bioaccumulative potential: | Log Pow | | 2,2 | | | | measured |

| Molybdenum disulphide | | | | | | | |
|----------------------------|----------|------|---------------|------|---------------------------------|-------------|-------------------------------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | LC50 | 96h | 781-1339 | mg/l | Oncorhynchus mykiss | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to daphnia: | LC50 | 48h | 1680,4-1776,6 | mg/l | Daphnia magna | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to daphnia: | LC50 | 48h | 2729,4 | mg/l | Daphnia magna | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to daphnia: | LC50 | 48h | 2847,5 | mg/l | Daphnia magna | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to daphnia: | LC50 | 48h | 130,9 | mg/l | Daphnia magna | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to daphnia: | LC50 | 48h | 1005,5-1024,6 | mg/l | Ceriodaphnia spec. | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to algae: | ErC50 | 72h | 289,2-390,9 | mg/l | Pseudokirchneriella subcapitata | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to fish: | LC50 | 96h | 609-681,4 | mg/l | Pimephales promelas | | Analogous conclusion(mg Mo/L) |
| 12.1. Toxicity to fish: | LC50 | 96h | 7600 | mg/l | Oncorhynchus mykiss | | Analogous conclusion(mg Mo/L) |
| Water solubility: | | | <0,1 | mg/l | | | @20°C |

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)
 13 07 03 other fuels (including mixtures)

Page 10 of 12
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

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.
 Empty container completely.
 Uncontaminated packaging can be recycled.
 Dispose of packaging that cannot be cleaned in the same manner as the substance.

SECTION 14: Transport information

General statements

14.1. UN number: n.a.

Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Classification code: n.a.

LQ: n.a.

14.5. Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Marine Pollutant: n.a.

14.5. Environmental hazards: Not applicable

Transport by air (IATA)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: Not applicable

14.6. Special precautions for user

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

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

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:

Comply with trade association/occupational health regulations.

Directive 2010/75/EU (VOC): 9,4 %

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 2, 3, 8, 9, 11, 12, 14, 15, 16

These details refer to the product as it is delivered.

Employee instruction/training in handling hazardous materials is required.

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 22.06.2020 / 0005
 Replacing version dated / version: 10.10.2019 / 0004
 Valid from: 22.06.2020
 PDF print date: 23.06.2020
 Pro-Line Turbolader Additiv 20 g
 Art.: 20766

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 |
|---|--|
| Aquatic Chronic 3, H412 | 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).

H317 May cause an allergic skin reaction.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

Aquatic Chronic — Hazardous to the aquatic environment - chronic
 Asp. Tox. — Aspiration hazard
 Skin Sens. — Skin sensitization
 Skin Irrit. — Skin irritation
 Eye Dam. — Serious eye damage
 Eye Irrit. — Eye irritation

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)
 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

Page 12 of 12
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision date / version: 22.06.2020 / 0005
Replacing version dated / version: 10.10.2019 / 0004
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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
IUCLD International Uniform Chemical Information Database
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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