

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

21760 - Xtra-Shift 6HP

Revision date: 20.09.2017

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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**1.3. Details of the supplier of the safety data sheet**

| | | |
|---------------|--------------------------|------------------------------|
| Company name: | PROFI-TECH GmbH | |
| Street: | Otto-Lilienthal-Straße 2 | |
| Place: | D-88046 Friedrichshafen | |
| Telephone: | 07541 / 40286 - 0 | Telefax: 07541 / 40 286 - 99 |
| e-mail: | info@profi-tech.com | |

1.4. Emergency telephone number:**24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)
24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)****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 to Dispose of waste according to applicable legislation..

Special labelling of certain mixtures

EUH208 Contains 4,4'-thiodiethylene hydrogen -2-octadecenylsuccinate. May produce an allergic reaction.

2.3. Other hazards

No information available.

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 | | | |
| 72623-87-1 | Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | | | 35-50 % |
| | 276-738-4 | 649-483-00-5 | 01-2119474889-13 | |
| | Asp. Tox. 1; H304 | | | |
| 72623-86-0 | Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | | | 1-2,49 % |
| | 276-737-9 | 649-482-00-X | 01-2119474878-16 | |
| | Asp. Tox. 1; H304 | | | |
| 68784-17-8 | I sooc ta decanoi c ac id, reac t i on produc t s wi th tetraethylenepentamine | | | 0,1-0,49 % |
| | 272-225-4 | | 01-2119960832-33 | |
| | Skin Irrit. 2, Eye Irrit. 2; H315 H319 | | | |
| 398141-87-2 | Thiophene, tetrahydro-,1,1-dioxide,3-(C9-11-isoalkyloxy) derivs., C10-rich | | | 0,1-0,49 % |
| | 800-172-4 | | 01-2119969520-35 | |
| | Aquatic Chronic 2; H411 | | | |
| | Reaction product of alkylthioalcohol and substituted phosphorus compound | | | 0,1-0,24 % |
| | 424-820-7 | | 01-0000017126-75 | |
| | Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 1; H312 H314 H400 H410 | | | |
| 93882-40-7 | 4,4'-thiodiethylene hydrogen -2-octadeceny)succinate | | | 0,1-0,24 % |
| | 299-434-3 | | | |
| | Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H319 H317 H411 | | | |

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

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

Self-protection of the first aider Immediately remove any contaminated clothing, shoes or stockings. Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation

If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Provide fresh air. Avoid breathing dust/fume/gas/mist/vapours/spray.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Carbon dioxide (CO₂). Dry extinguishing powder.
Foam.

Unsuitable extinguishing media

Strong water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide Sulphur oxides
Phosphorus oxides Hydrogen sulphide (H₂S)

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
Do not inhale explosion and combustion gases.

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

Special danger of slipping by leaking/spilling product.

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).

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). Treat the
recovered material as prescribed in the section on waste disposal.

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

additional hand protection measures Wash hands before breaks and after work. Conditions to avoid Inhalation

Advice on protection against fire and explosion

When using do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

Hand protection

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. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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

| | |
|-----------------|----------------|
| Physical state: | Liquid |
| Colour: | colourless |
| Odour: | characteristic |

| | Test method |
|--|-------------------------|
| pH-Value: | not determined |
| Changes in the physical state | |
| Melting point: | not determined |
| Initial boiling point and boiling range: | not determined |
| Flash point: | > 150 °C ASTM D 92 |
| Flammability | |
| Solid: | not applicable |
| Gas: | not applicable |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Auto-ignition temperature | |
| Solid: | not applicable |
| Gas: | not applicable |
| Decomposition temperature: | not determined |
| Oxidizing properties | |
| Not oxidising. | |
| Vapour pressure: | not determined |
| Density (at 15 °C): | 0,845 g/cm ³ |

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Water solubility: practically insoluble
(at 20 °C)

Solubility in other solvents
not determined

Partition coefficient: not determined

Viscosity / kinematic: 31 mm²/s
(at 40 °C)

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 storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Oxidising agent, strong

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****ATEmix calculated**

ATE (inhalation vapour) 10,51 mg/l

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Acute toxicity

| CAS No | Chemical name | | | | |
|------------|---|---------------|-----------|--------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 72623-87-1 | Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | | | | |
| | oral | LD50 mg/kg | >5000 | Rat | OECD 401 |
| | dermal | LD50 mg/kg | >2000 | Rabbit | OECD 402 |
| | inhalation (4 h) vapour | LC50 mg/l | >5,53 | Rat | OECD 403 |
| 72623-86-0 | Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | | | | |
| | oral | LD50 mg/kg | >5000 | Rat | |
| | dermal | LD50 mg/kg | >2000 | Rabbit | |
| | inhalation (4 h) aerosol | LC50 | >5.2 mg/l | Ratte | |
| | Reaction product of alkylthioalcohol and substituted phosphorus compound | | | | |
| | dermal | ATE mg/kg | 1100 | | |

SECTION 12: Ecological information
12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| CAS No | Chemical name | | | | | |
|--------|--|---------------|-----------|---------|-------------------------------------|----------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| | Reaction product of alkylthioalcohol and substituted phosphorus compound | | | | | |
| | Acute fish toxicity | LC50 | 1,5 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | OECD 203 |
| | Acute algae toxicity | ErC50 mg/l | 0,31 | 72 h | Pseudokirchneriella subcapitata | |
| | Acute crustacea toxicity | EC50 mg/l | 0,09 | 48 h | Daphnia magna (Big water flea) | OECD 202 |
| | Crustacea toxicity | NOEC mg/l | 0,14 | 21 d | Daphnia magna (Big water flea) | |

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|---|---------|
| 72623-87-1 | Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | >6 |

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.

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Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

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

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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. |

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 dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

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Water contaminating class (D): 1 - slightly water contaminating
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

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): 2,3,4,5,6,7,8,9,11,13,15.

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)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

| | |
|--------|--|
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| 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 4,4'-thiodiethylene hydrogen -2-octadecenylsuccinate. May produce an allergic reaction. |

Further Information

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.

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