

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**40460 - Hydro-Tech HLP 46**

Revision date: 09.06.2016

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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	

<b><u>1.4. Emergency telephone number:</u></b>	<b>24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)</b>
	<b>24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)</b>

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements****SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Additive Mineral oil

**Further Information**

All concentrations are quoted as mass percentages for liquids and volume percentages for gases. Other substances which are not classified as dangerous are contained up to 100 %. This mixture does not contain any substance classified as dangerous, whose concentration exceeds the concentration limits described in article 3.2.2 (annex II, VO 1907/2006/EU).

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

In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Call a physician immediately.

**SECTION 5: Firefighting measures**

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**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry extinguishing powder. Use water spray jet to protect personnel and to cool endangered containers.

**Unsuitable extinguishing media**

Water

**5.2. Special hazards arising from the substance or mixture**

The formation of combustible vapours is possible at temperatures above: Flash point

In case of fire may be liberated: Pyrolysis products, toxic Hydrocarbons Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Hydrogen sulphide (H<sub>2</sub>S) Nitrogen oxides (NO<sub>x</sub>) Phosphorus oxides

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**Additional information**

Fire class B

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

Provide adequate ventilation as well as local exhaustion at critical locations.

Keep away from sources of ignition - No smoking. Avoid contact with eyes and skin.

Conditions to avoid Inhalation

Do not put any product-impregnated cleaning rags into your trouser pockets. Special danger of slipping by leaking/spilling product.

**6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not empty into drains. If product enters soil, it will be mobile and may contaminate groundwater.

**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.

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

Avoid contact with eyes and skin. Keep away from sources of ignition - No smoking. Wash hands before breaks and after work. All work processes must always be designed so that the following is excluded:

Generation/formation of mist

**Advice on protection against fire and explosion**

Take precautionary measures against static discharges.

**Further information on handling**

Do not put any product-impregnated cleaning rags into your trouser pockets. The formation of combustible vapours is possible at temperatures above: Flash point

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

Keep/Store only in original container.

**Further information on storage conditions**

Protect from moisture.

Keep in a cool place.

Keep only in the original container at temperature not exceeding 50 °C.

**SECTION 8: Exposure controls/personal protection**

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**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations.

**Protective and hygiene measures**

Remove contaminated, saturated clothing immediately.

Wash hands before breaks and after work. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

**Eye/face protection**

Dust protection eye glasses DIN EN 166 DIN EN 166 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. DIN EN 374

**Skin protection**

Protective clothing DIN EN 344

**Respiratory protection**

[In case of inadequate ventilation] wear respiratory protection.

**Environmental exposure controls**

Technical measures to prevent exposure Organisational measures to prevent exposure

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

Physical state:	Liquid
Colour:	yellow brown
Odour:	characteristic

**Test method****Changes in the physical state**

Initial boiling point and boiling range:	>320 °C	
Pour point:	-30 °C	
Flash point:	240 °C	DIN ISO 2592
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	6,5 vol. %	
Ignition temperature:	>250 °C	ASTM E 659
Density (at 15 °C):	854-874 g/cm <sup>3</sup>	DIN 53217
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.	
Viscosity / kinematic: (at 40 °C)	41,4-50,6 mm <sup>2</sup> /s	DIN 51562

**SECTION 10: Stability and reactivity****10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

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**10.3. Possibility of hazardous reactions**

The formation of combustible vapours is possible at temperatures above: Flash point

**10.4. Conditions to avoid**

Oxidising agent, strong

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Classification according to Regulation (EC) No 1272/2008 [CLP]

**SECTION 12: Ecological information****12.2. Persistence and degradability**

Not readily biodegradable (according to OECD criteria)

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste disposal number of waste from residues/unused products**

130110 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils; hazardous waste

**Waste disposal number of used product**

130110 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils; hazardous waste

**Waste disposal number of contaminated packaging**

130110 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils; hazardous waste

**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)**

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**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**

Water contaminating class (D): 1 - slightly water contaminating

**SECTION 16: Other information**

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