



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 34100 - ECO FREIGHTER SAE 10W-30

Revision date: 02.10.2019

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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:** +49 7541 / 40 286-0 Mo-Fr 08:00-12:00Uhr 13:00-17:00Uhr

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements**

**2.3. Other hazards**

No information available.

### SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**Chemical characterization**

Preparation of base oils and additives.

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
68037-01-4	1-decene, homopolymer, treated with hydrogen			2,5-10 %
	276-738-4		01-2119486452-34	
	Asp. Tox. 1; H304			
36878-20-3	Reaction product of aminobenzene, N-phenol and branched nonane			<2,5 %
	253-249-4			
	Aquatic Chronic 4; H413			

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

### SECTION 4: First aid measures

**4.1. Description of first aid measures**

**General information**

Get medical advice/attention if you feel unwell. Remove victim out of the danger area. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

**After inhalation**

Provide fresh air.

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#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Rinse mouth thoroughly with water. Do NOT induce vomiting. Let water be drunk in little sips (dilution effect).

#### **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. Treat symptomatically. Observe risk of aspiration if vomiting occurs.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers.

##### **Unsuitable extinguishing media**

Full water jet

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

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Nitrogen oxides (NO<sub>x</sub>)

#### **5.3. Advice for firefighters**

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**

Use personal protection equipment. Special danger of slipping by leaking/spilling product. Remove persons to safety. Do not breathe gas/fumes/vapour/spray.

For emergency responders: Use personal protection equipment.

Wear personal protection equipment (refer to section 8).

#### **6.2. Environmental precautions**

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

#### **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).

#### **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**

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**Advice on safe handling**

Avoid formation of oil dust.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary. See section 8.

**Further information on handling**

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Avoid contact with eyes and skin.

**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.

**Further information on storage conditions**

Store in a cool dry place. Keep away from heat.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****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:	dark brown
Odour:	characteristic

**Test method**

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pH-Value:	not determined
<b>Changes in the physical state</b>	
Melting point:	not determined
Initial boiling point and boiling range:	-36 °C
Pour point:	-36 °C ISO 3016
Flash point:	236 °C DIN ISO 2592
<b>Flammability</b>	
Solid:	not applicable
Gas:	not applicable
<b>Explosive properties</b>	
Product is not explosive. However, formation of explosive air/vapour mixtures are possible.	
Lower explosion limits:	not determined
Upper explosion limits:	not determined
<b>Auto-ignition temperature</b>	
Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined
<b>Oxidizing properties</b>	
Not oxidising.	
Vapour pressure:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	0,856 g/cm <sup>3</sup> DIN 51757
Bulk density:	not determined
Water solubility:	not determined
<b>Solubility in other solvents</b>	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic: (at 40 °C)	77 mm <sup>2</sup> /s DIN 51562
Vapour density:	not determined
Evaporation rate:	not determined
<b>9.2. Other information</b>	
Solid content:	not determined

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

No known hazardous reactions.

**10.2. Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

none

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#### 10.5. Incompatible materials

Materials to avoid: Acid, Oxidizing agent, Reducing agent.

#### 10.6. Hazardous decomposition products

Hazardous combustion products: Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx)

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Additional information on tests

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

No information available.

#### 12.2. Persistence and degradability

Not readily biodegradable (according to OECD criteria)

#### 12.3. Bioaccumulative potential

Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.

#### 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

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

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

Consult the appropriate authorities about waste disposal.

Non-contaminated packages may be recycled.

##### Waste disposal number of waste from residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

##### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number:

No dangerous good in sense of these transport regulations.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of these transport regulations.

##### 14.4. Packing group:

No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

##### 14.1. UN number:

No dangerous good in sense of these transport regulations.

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**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.

**14.4. Packing group:** No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.

**14.4. Packing group:** Keim G  
Segregation group: hypochlorites

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.

**14.4. Packing group:** Keim G

#### 14.6. Special precautions for user

No dangerous good in sense of these transport regulations.

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

No dangerous good in sense of these transport regulations.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### National regulatory information

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

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

#### 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.  
H413 May cause long lasting harmful effects to aquatic life.

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.



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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.)*