

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**27100 - performance GEAR SAE 80W-90 GL4**

Revision date: 17.06.2020

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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****Regulation (EC) No. 1272/2008****Special labelling of certain mixtures**

EUH208 Contains alkylamines C2\_C14. 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. This mixture contains no substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH.

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

Preparation of base oils and additives.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

**After contact with skin**After contact with skin, wash immediately with plenty of water and soap.  
Take off immediately all contaminated clothing.**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In all cases of doubt, or when symptoms persist, seek medical advice.

**After ingestion**

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect).

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

If swallowed or in the event of vomiting, risk of entering the lungs.

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

Treat symptomatically.

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

In case of major fire and large quantities:

Sand

Carbon dioxide (CO<sub>2</sub>).

Extinguishing powder

**Unsuitable extinguishing media**

Full water jet

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

Burning produces heavy smoke. In case of fire may be liberated:

Carbon monoxide

Carbon dioxide (CO<sub>2</sub>).

Nitrogen oxides (NO<sub>x</sub>)

**5.3. Advice for firefighters**

Do not inhale explosion and combustion gases. Wear a self-contained breathing apparatus and chemical protective clothing.

**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. Ventilate affected area. 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). 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).

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

Clean contaminated articles and floor according to the environmental legislation.

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

Wear suitable protective clothing. Avoid formation of oil dust.

**Advice on protection against fire and explosion**

The usual precautionary measures are to be adhered to when handling chemicals.

Fire class B

**Further information on handling**

Do not breathe vapour/aerosol. 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 and in a well-ventilated place. Only use containers specifically approved for the

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substance/product.

**Hints on joint storage**

Do not store together with: Explosives

**Further information on storage conditions**

Protect from light. Keep container tightly closed.

**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****Appropriate engineering controls**

Do not put any product-impregnated cleaning rags into your trouser pockets.

**Eye/face protection**

Wear suitable gloves and eye/face protection. DIN EN 166

**Hand protection**

Preventive skin protection by use of skin-protecting agents is recommended. Hand protection

**Respiratory protection**

Use appropriate respiratory protection. A2, A2/P2, ABEK

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

Physical state:	Liquid
Colour:	yellow
Odour:	not determined

**Changes in the physical state**

Pour point:	-33 °C
Flash point:	242 °C

**Explosive properties**

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Density (at 15 °C):	0,886 g/cm³
Viscosity / kinematic: (at 40 °C)	136 mm²/s

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

No information available.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

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**10.4. Conditions to avoid**

No information available.

**10.5. Incompatible materials**

Oxidising agent, strong

**10.6. Hazardous decomposition products**

Carbon dioxide Carbon monoxide

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****SECTION 12: Ecological information****12.2. Persistence and degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

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

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

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

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,9,10,13,15.

**Relevant H and EUH statements (number and full text)**

EUH208 Contains alkylamines C2\_C14. May produce an allergic reaction.

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