

## Safety Data Sheet

MITAN Mineralöl GmbH

according to Regulation (EC) No 1907/2006

### Alpine Gear Oil SAE 80W90 GL4

Revision date: 17.06.2020

Product code: MIT0105

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Alpine Gear Oil SAE 80W90 GL4

### 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:	MITAN Mineralöl GmbH	
Street:	Industriestraße 8	
Place:	D-49577 Ankum	
Telephone:	+49 (0)5462/7470-50	Telefax: +49 (0)5462/7470-33
e-mail:	info@mitan-oil.de	
e-mail (Contact person):	sicherheitsdatenblatt@mitan-oil.de	
Internet:	www.mitan-oil.de	

### 1.4. Emergency telephone number:

Giftinformationszentrum Nord (Göttingen)  
+49 (0)551/19240

## 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.

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#### **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).

#### **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**

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#### 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 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

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#### **Explosive properties**

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

Density (at 15 °C): 0,886 g/cm<sup>3</sup>

Viscosity / kinematic:  
(at 40 °C) 136 mm<sup>2</sup>/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.

#### **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.

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**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**

Water contaminating class (D): 2 - clearly water contaminating

**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.)*