

## Safety Data Sheet

Mitan Mineralöl GmbH

according to Regulation (EC) No 1907/2006

### Alpine Syngear 75W90

Revision date: 03.06.2020

Product code: MIT0012

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

### 1.1. Product identifier

Alpine Syngear 75W90

### 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

Regulation (EC) No. 1272/2008

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

### 2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

| CAS No     | Chemical name                                                                 |              |                  | Quantity |
|------------|-------------------------------------------------------------------------------|--------------|------------------|----------|
|            | EC No                                                                         | Index No     | REACH No         |          |
|            | GHS Classification                                                            |              |                  |          |
| 64742-54-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |              |                  | 2,5-10 % |
|            | 265-157-1                                                                     | 649-467-00-8 | 01-2119484627-25 |          |
|            | Asp. Tox. 1; H304                                                             |              |                  |          |

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

#### Further Information

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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#### General information

Remove affected person from the danger area and lay down.

#### After inhalation

Provide fresh air.

Call a doctor if you feel unwell.

#### After contact with skin

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 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.

### SECTION 5: Firefighting measures

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

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

Co-ordinate fire-fighting measures to the fire surroundings.

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

Extinguishing powder

Water spray jet

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

High power water jet.

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

Non-flammable. In case of fire may be liberated:

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

Carbon monoxide

Sulphur dioxide (SO<sub>2</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**

Keep away from sources of ignition - No smoking.

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

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### **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. Dispose of waste according to applicable

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legislation. Prevent spread over a wide area (e.g. by containment or oil barriers).

#### 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

Avoid contact with eyes and skin.

##### Advice on protection against fire and explosion

No special fire protection measures are necessary.

##### Further information on handling

Avoid formation of oil dust.

#### 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

##### DNEL/DMEL values

| CAS No                   | Substance                                                                     | Exposure route | Effect | Value                 |
|--------------------------|-------------------------------------------------------------------------------|----------------|--------|-----------------------|
| 64742-54-7               | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |                |        |                       |
| Worker DNEL, long-term   |                                                                               | inhalation     | local  | 5,4 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |                                                                               | inhalation     | local  | 1,2 mg/m <sup>3</sup> |

##### PNEC values

| CAS No              | Substance                                                                     | Value      |
|---------------------|-------------------------------------------------------------------------------|------------|
| 64742-54-7          | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |            |
| Secondary poisoning |                                                                               | 9,33 mg/kg |

##### 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.

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#### 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. Typ: A-P2

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                 |                  |
|-----------------|------------------|
| Physical state: | Liquid           |
| Colour:         | brown            |
| Odour:          | Mineral-oil-like |

#### Test method

|           |                |
|-----------|----------------|
| pH-Value: | not determined |
|-----------|----------------|

#### Changes in the physical state

|                                          |                     |
|------------------------------------------|---------------------|
| Melting point:                           | not determined      |
| Initial boiling point and boiling range: | not determined      |
| Pour point:                              | -45 °C ISO 3016     |
| Flash point:                             | 204 °C DIN ISO 2592 |

#### Flammability

|        |                |
|--------|----------------|
| Solid: | not applicable |
| Gas:   | not applicable |

#### Explosive properties

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

|                         |            |
|-------------------------|------------|
| Lower explosion limits: | 0,6 vol. % |
| Upper explosion limits: | 6,5 vol. % |

#### Auto-ignition temperature

|        |                |
|--------|----------------|
| Solid: | not applicable |
| Gas:   | not applicable |

|                            |                |
|----------------------------|----------------|
| Decomposition temperature: | not determined |
|----------------------------|----------------|

#### Oxidizing properties

Not oxidising.

|                  |                |
|------------------|----------------|
| Vapour pressure: | not determined |
|------------------|----------------|

|                     |                                   |
|---------------------|-----------------------------------|
| Density (at 20 °C): | 0,868 g/cm <sup>3</sup> DIN 51757 |
|---------------------|-----------------------------------|

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Water solubility: | The study does not need to be conducted because the substance is known to be insoluble in water. |
|-------------------|--------------------------------------------------------------------------------------------------|

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#### Solubility in other solvents

not determined

Partition coefficient:

not determined

Viscosity / kinematic:  
(at 40 °C)

82,4 mm<sup>2</sup>/s DIN 51562

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

Oxidising agent, strong

#### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

#### 10.5. Incompatible materials

No known hazardous reactions.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

Based on available data, the classification criteria are not met.

| CAS No     | Chemical name                                                                 |                  |         |              |          |
|------------|-------------------------------------------------------------------------------|------------------|---------|--------------|----------|
|            | Exposure route                                                                | Dose             | Species | Source       | Method   |
| 64742-54-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |                  |         |              |          |
|            | oral                                                                          | LD50 >5000 mg/kg | Rat     | ECHA Dossier | OECD 401 |
|            | dermal                                                                        | LD50 >2000 mg/kg | Rabbit  | ECHA Dossier | OECD 402 |

##### Irritation and corrosivity

Based on available data, the classification criteria are not met.

##### Sensitising effects

Based on available data, the classification criteria are not met.

##### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

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#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### 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

The product is not: Ecotoxic.

#### 12.2. Persistence and degradability

The product has not been tested.

| CAS No     | Chemical name                                                                 |       |    |              |
|------------|-------------------------------------------------------------------------------|-------|----|--------------|
|            | Method                                                                        | Value | d  | Source       |
|            | Evaluation                                                                    |       |    |              |
| 64742-54-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |       |    |              |
|            | OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D                                       | 31%   | 28 | ECHA Dossier |
|            | Not readily biodegradable (according to OECD criteria)                        |       |    |              |
|            | OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C                                       | 2-4%  | 28 | ECHA Dossier |
|            | Not readily biodegradable (according to OECD criteria)                        |       |    |              |

#### 12.3. Bioaccumulative potential

The product has not been tested.

#### 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

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)

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|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Inland waterways transport (ADN)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Marine transport (IMDG)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

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

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | 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

##### 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): 2 - clearly water contaminating

#### 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): 2,3,4,5,6,7,9,10,11,12,13,15,16.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

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(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.

EUH210 Safety data sheet available on request.

#### 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.

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