

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**25200 - Hypoid Evolution Gear SAE 75W-90 GL5**

Revision date: 08.06.2020

Page 1 of 9

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

25200 - Hypoid Evolution Gear SAE 75W-90 GL5

**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:****24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)**  
**24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful to aquatic life with long lasting effects.

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**P273 Avoid release to the environment.  
P501 Dispose of contents/container to ....**Special labelling of certain mixtures**

EUH208 Contains Long chain alkyl amine. May produce an allergic reaction.

**2.3. Other hazards**

No information available.

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

Preparation of synthetic oils and additives.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 25200 - Hypoid Evolution Gear SAE 75W-90 GL5

Revision date: 08.06.2020

Page 2 of 9

#### 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			10-24,99 %
	265-157-1	649-467-00-8	01-2119484627-25	
	Asp. Tox. 1; H304			
68955-53-3	Long chain alkyl amine			0,1-0,99 %
	273-279-1			
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1, Skin Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H302 H314 H317 H335 H400 H410			
112-90-3	Long chain alkenyl amine			0,1-0,99 %
	204-015-5	612-283-00-3		
	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H302 H314 H318 H335 H373 H304 H400 H410			

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

#### Further Information

The product contains less than 3% DMSO extract (method IP346). A classification as a carcinogen with R45 is deleted. (Note L)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Remove affected person from the danger area and lay down.

##### After inhalation

Provide fresh air. IF INHALED: Call a doctor if you feel unwell.

##### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### 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.

Foam Water mist Powder Dry chemical product

In case of major fire and large quantities: Water spray jet

##### Unsuitable extinguishing media

High power water jet.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 25200 - Hypoid Evolution Gear SAE 75W-90 GL5

Revision date: 08.06.2020

Page 3 of 9

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

Non-flammable. In case of fire may be liberated: Sulphur dioxide (SO<sub>2</sub>) Carbon dioxide (CO<sub>2</sub>) Carbon monoxide

#### **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.

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

Do not allow to enter into surface water or drains.

#### **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.

#### **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**

No special measures are necessary.

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

No special fire protection measures are necessary.

#### **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	Environmental compartment	Value
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic		
	Secondary poisoning		9,33 mg/kg

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 25200 - Hypoid Evolution Gear SAE 75W-90 GL5

Revision date: 08.06.2020

Page 4 of 9

#### 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:	brown yellow
Odour:	characteristic

pH-Value: not determined

#### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Flash point: > 200 °C ASTM D 92

#### Flammability

Solid: not applicable

Gas: not applicable

#### Explosive properties

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

#### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

#### Oxidizing properties

Not oxidising.

Vapour pressure: not determined

Density (at 15 °C): 0,882 g/cm<sup>3</sup>

#### Test method

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**25200 - Hypoid Evolution Gear SAE 75W-90 GL5**

Revision date: 08.06.2020

Page 5 of 9

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

**Solubility in other solvents**  
not determined

Partition coefficient: not determined

Viscosity / kinematic:  
(at 40 °C) 83 mm<sup>2</sup>/s

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**

No information available.

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

Oxidising agent, strong

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**25200 - Hypoid Evolution Gear SAE 75W-90 GL5**

Revision date: 08.06.2020

Page 6 of 9

**Acute toxicity**

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
68955-53-3	Long chain alkyl amine				
	oral	ATE 500 mg/kg			
	dermal	ATE 300 mg/kg			
	inhalation vapour	ATE 0,5 mg/l			
	inhalation aerosol	ATE 0,05 mg/l			
112-90-3	Long chain alkenyl amine				
	oral	LD50 1689 mg/kg	Rat		

**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.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
112-90-3	Long chain alkenyl amine					
	Acute fish toxicity	LC50 0,11 mg/l	96 h	Pimephales promelas (fathead minnow)		

**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)			
112-90-3	Long chain alkenyl amine			
	OECD 301D/ EEC 92/69/V, C.4-E	66%	28	
	Readily biodegradable (according to OECD criteria).			

**12.3. Bioaccumulative potential**

The product has not been tested.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**25200 - Hypoid Evolution Gear SAE 75W-90 GL5**

Revision date: 08.06.2020

Page 7 of 9

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
112-90-3	Long chain alkenyl amine	>3,11

**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****Disposal recommendations**

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)****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.

**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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 25200 - Hypoid Evolution Gear SAE 75W-90 GL5

Revision date: 08.06.2020

Page 8 of 9

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

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

#### 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%

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

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

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Long chain alkyl amine. May produce an allergic reaction.



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**25200 - Hypoid Evolution Gear SAE 75W-90 GL5**

Revision date: 08.06.2020

Page 9 of 9

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance 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.)*