

# EP 85W/140 GEAR OIL GL5



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

### 1.1. Product identifier

**Product Name** EP 85W/140 GEAR OIL

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Transmission Oil

**Use advised against:** Do not use in any other application.

### 1.3 Details of the supplier of the safety data sheet

**Company Address** Prime Lubricants Ltd  
Oakney Wood Avenue  
Selby Business Park  
Selby  
North Yorkshire  
YO8 8FQ  
Tel. 01757 706996  
Fax. 01757 707994

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

CLP: Not classified

CHIP: Not hazardous according to current CHIP Regulations

Signal word: None required.

### 2.2 Label Elements

This product is not classified in accordance with 67/548/EEC

### Risk phrases

No significant hazard

### Precautionary Phrases

None assigned

### 2.3 Other Hazards

A petroleum product DMSO extract <3weight % (IP346) The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP346  
This note applies only to certain complex oil derived substances (1272/2008/EC ("CLP") , Annex VI, Note L)

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Lubricating oils ; Baseoil - unspecified

CAS Number : 74869-22-0

EC Number: 278-012-2

Reach Reg Number: Not available

Concentration: 90-100%

H Phrases: Not available

N-phenyl-benzenamine, reaction products with 2,4,4-trimethylpentene

CAS Number: 12002-23-2

EC Number: 246-690-9

Reach Registered Number : Not Available

Concentration: 0-0.5%

H Phrases : H411

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>Eye contact:</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding eye lids open. If irritation persists, seek medical attention. Irrigate eyes whilst lifting eyelids.
<b>Skin contact:</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.
<b>Inhalation:</b>	Do not breathe dust or vapour. Seek medical attention if symptoms persist. If inhaled and vapour causes irritation to the nose or throat move the person to fresh air.
<b>Ingestion:</b>	Seek medical attention. DO NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Skin contact:</b>	Prolonged contact may cause redness, dry skin to skin and eyes.
<b>Ingestion:</b>	DO NOT INDUCE VOMITING. Seek medical advice and show this msds sheet

### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Skin contact:</b>	Wash with soap and water.
<b>Ingestion:</b>	If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Firefighting measures

<b>5.1 Extinguishing media</b>	Use an extinguishing agent suitable for the surrounding fire. Carbon oxides, Carbon dioxide (CO2), Sand. Do not use water jets
<b>5.2 Special hazards arising from the substance or mixture</b>	Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.
<b>5.3 Advice for Firefighters</b>	. Fire Fighters should wear protective equipment and self-contained breathing apparatus (SCBA) with a full face piece. Operated in positive pressure mode. Clothing for fire – fighters must conform to European standard EN469 will provide a basic level of protection for chemical incidents. Do not allow runoff water to enter sewers or drains.

## SECTION 6: Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	Wear suitable protective equipment as per section 8.
<b>6.2. Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>6.3. Methods and material for containment and cleaning up</b>	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled sealed containers for disposal. Clean spillage area thoroughly with plenty of water.
<b>6.4. Reference to other sections</b>	Please always refer to sections 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0 - 50 °C. Don not breathe vapour or spray mist.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated area. P233 Keep containers tightly closed. Store in correctly labelled containers.

### 7.3. Specific end use(s)

Please use this product as indicated in sections 1

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1 Exposure Limit Values

Lubricating oils : Base Oil : unspecified

WEL (long term) 5mg/m<sup>3</sup>      WEL (short term) 10mg/m<sup>3</sup>

### 8.2. Exposure controls



#### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.2.2 Individual protection measures

Wear chemical protective clothing.

**Eye/face protection**      Approved safety goggles

**Skin/hand protection**      Chemical resistant gloves (PVC)

**Respiratory protection**      Wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

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

State	Liquid
Colour	amber
Odour	Mild
Explosive	Stable under normal conditions
pH	Not applicable.
Melting point	No data available
Freezing Point	< -20
Boiling point	> 150
Flash point	200
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	>1
Vapour density	No data available
Relative density	98
Fat Solubility	No data available
Partition coefficient	No data available
Oxidising	Not considered oxidising
Solubility	Insoluble in water

### 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

### Further information

Viscosity corresponds with the product name. The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

## SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal temperature conditions and recommended use.
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	Do not mix the product with other materials.
10.4. Conditions to avoid	Store at temperatures between 0 °C and 50 °C.
10.5. Incompatible materials	incompatible with Strong oxidising agents.
10.6. Hazardous decomposition products	Combustion or thermal decomposition could liberate carbon oxides

## SECTION 11: Toxicological information

<b>11.1. Information on toxicological effects</b>	GENERAL INFORMATION. This product has low toxicity. Only large volumes may have adverse impact on human health.
<b>Skin corrosion/irritation</b>	May cause sensitisation by skin contact.
<b>Serious eye damage/irritation</b>	May cause temporary eye irritation.
<b>Respiratory or skin sensitisation</b>	Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.
<b>Repeated or prolonged exposure</b>	Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Base OLAZ : Daphnia EC50/48h: 101.0000 mg/l Algae IC50/72h: 101.0000 mg/l. Fish LC50/96h: 101.0000mg/l
<b>12.2. Persistence and degradability</b>	The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.
<b>12.3. Bioaccumulative potential</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>12.4. Mobility in soil</b>	Insoluble in water and will spread on the water surface. Absorbed only slowly into soil.
<b>12.5. Results of PBT and vPvB assessment</b>	N/A
<b>12.6. Other adverse effects</b>	May cause long-term adverse effects in the environment.

**Further information** Information given is based on data on the components and the toxicology of similar products.

## SECTION 13: Disposal considerations

<b>13.1. Waste treatment methods</b>	Waste Code : 13 XX XX OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19) Code given as a guidance only it could vary from different products and the way they were used.
<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	We recycle 205L and 1000L packaging.

## SECTION 14: Transport information

14.1. UN Number	The product is not classified as dangerous for carriage.
14.2. Proper shipping name	The product is not classified as dangerous for carriage.
14.3. Transport hazard class (es)	The product is not classified as dangerous for carriage.
14.4. Packing group	Not classified
14.5 Environmental hazards	Not classified
14.6. Special precautions for user	No special precautions are required for this product
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not classified

## SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Refer to current health and safety at work act.

- Supply regulations: DPD: Dangerous Preparations directive; GHS: Globally harmonised system of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations.  
Transport regulations: CDG: Carriage of dangerous goods regulations; ADR/RID/IMDG/ICAO/IATA regulations

15.2. Chemical safety assessment

No chemical safety assessment CSA has been carried out

## SECTION 16: Other information

**Other information** Text not given with phrase codes where they are used elsewhere in this safety data sheet – H411 Toxic to aquatic life with long lasting effects.

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.