

**EP 80W/90  
GEAR OIL GL5**



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

**1.1. Product identifier**

**Product Name** EP 80W/90 GEAR OIL

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

No further relevant information available.

**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**

**Main Hazard** No Significant Hazard

**2.2 Label Elements**

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

**Risk phrases**

No significant hazard

**2.3 Other Hazards**

No other known hazards

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures** Blend of highly refined mineral oils and additives.

Chemical Name	Cas No.	EC No.	Reach Reg No.	Conc. (%w/w)	Classification
Base Olaz N-phenyl-benzenamine, Reaction products with 2.4.4-trimethylpentene	74869-22-0	278-012-2			N; R51/53

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact:** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding eye lids open. If irritation persists, seek medical attention.
- Skin contact:** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.
- Inhalation:** Do not breathe dust or vapour.
- Ingestion:** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT induce vomiting.

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

- Skin contact:** May cause irritation to skin and eyes.
- Ingestion:** DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting.

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

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

## SECTION 5: Firefighting measures

- 5.1 Extinguishing media** Use an extinguishing agent suitable for the surrounding fire. Carbon oxides, Carbon dioxide (CO<sub>2</sub>), Sand.
- 5.2 Special hazards arising from the substance or mixture** Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.
- 5.3 Advice for Firefighters** Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space. Do NOT use water jet.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Wear suitable protective equipment.

- 6.2. Environmental precautions** Do not allow product to enter drains. Prevent further spillage if safe.

### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

- 6.4. Reference to other sections** Please always refer to sections 2 and 16.

**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

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

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

**7.3. Specific end use(s)**

Please use this product as indicated in sections 1 and 2. If you are uncertain please contact us immediately as not using the product in the right way could be dangerous for your health and machinery.

**Further information**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**8.1.1 Exposure Limit Values**

BASE OLAZ	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 5
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3: 10

**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.
<b>Eye/face protection</b>	Approved safety goggles
<b>Skin/hand protection</b>	Chemical resistant gloves (PVC)
<b>Respiratory protection</b>	Wear suitable respiratory equipment

**SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Brown
Odour	Mild
Explosive	Stable under normal conditions
pH	Not applicable.
Melting point	No data available
Freezing Point	< -20
Boiling point	> 150
Flash point	195
Evaporation rate	5
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	1
Vapour density	No data available
Relative density	0.875 - 0.91
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	320
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** Strong oxidising agents.

**10.6. Hazardous decomposition products**  
Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.

## 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.

### 11.1.4. Toxicological Information

BASE OLAZ	Inhalation Rat LC50/30min:	>5.53
	Dermal Rat LD50:	>2000
	Oral Rat LD50:	>5000
Automotive gear oil 80w/90 GL5	Dermal Rat LD50:	>2000
	Oral Rat LD50:	>5000

Information given is based on data on the components and the, Information given is based on data on the components and the toxicology of similar products.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	No data available
<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>	The product is non-volatile. The product is insoluble in water and will spread on the water surface.
<b>12.5. Results of PBT and vPvB assessment</b>	Caution – substance not yet tested.
<b>12.6. Other adverse effects</b>	May cause long-term adverse effects in the environment.
<b>Further information</b>	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**

<b>ADR/RID</b>	The product is not classified as dangerous for carriage.
<b>IMDG</b>	The product is not classified as dangerous for carriage.
<b>IATA</b>	The product is not classified as dangerous for carriage.
<b>Further information</b>	The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

UK Regulatory References. Health and Safety at Work Act 1974. Statutory Instruments. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Approved Code Of Practice.Safety Data Sheets for Substances and Preparations. Guidance Notes. Workplace Exposure Limits EH40. EU Legislation. Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: Other information**

**Other information**

<b>Revision</b>	This document differs from the previous version in the following areas: 1 - Description. 2 - Further information.
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**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

