

# SEMI SYNTHETIC 10W/40



Revision: 17 March 2015

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

### 1.1. Product identifier

**Product Name** SEMI SYNTHETIC 10W/40

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

Use of substance/mixture: Vehicle Engine 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: Classification: Not Classified  
CHIP: Not Hazardous according to current CHIP Regulations

### 2.2 Label Elements

**Hazard phrases** Not classified as hazardous

### 2.3 Other Hazards

A Petroleum product. DMSO-extract: <3 weight% (according to IP346)  
The Classification of 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

### 3.1 Mixtures

Lubricating oils; Base oil- Unspecified  
CAS Number: 74869-22-0, EC Number: 278-012-2  
REACH Registration Number: Not available  
Concentration: 90-100%, R/H Phrases: Not Applicable

Zinc Dithiophosphate  
CAS Number: 68649-42-3, EC Number: 27-028-3, Concentration: 0.5-1%  
REACH Registration Number: Not available  
R/H Phrases: Xi R36, Xi;R41 N;R51/53

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>Eye contact:</b>	H320 – Causes Eye Irritation Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes, Get medical attention if any discomfort continues.
<b>Skin contact:</b>	H315 Causes Skin Irritation S27/28 After skin contact, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Seek medical attention if irritation persists
<b>Inhalation:</b>	S22 Do not breathe dust, S23 Do not breathe vapour When In doubt or symptoms persist, seek medical attention.
<b>Ingestion:</b>	P331– If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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

<b>Skin contact:</b>	May cause irritation to skin.
<b>Ingestion:</b>	Causes nausea and vomiting

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

<b>Skin contact</b>	S28b – Wash affected area with plenty of soap and water.
<b>Eye contact</b>	Flush with lukewarm for 15 minutes. Seek medical attention if irritation persists.
<b>Ingestion:</b>	If swallowed, do not induce vomiting; seek medical advice immediately and show this label.

## SECTION 5: Fire-fighting measures

<b>5.1 Extinguishing media</b>	Fire can be extinguished using: Foam, dry chemicals, sand dolomite etc
<b>5.2 Special hazards arising from the substance or mixture:</b>	Burning produces obnoxious and irritating fumes. Dyke to prevent entry into sewer or waterway. Transfer liquid to holding container.
<b>5.3 Advice for Fire-fighters</b>	Fire Fighters should wear protective equipment and self-contained breathing apparatus (SCBA) with a full face piece. Clothing for fire – fighters must conform to European standard EN469. Do not use water jet.

## SECTION 6: Accidental release measures

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

Wear protective clothing as per section 8, Adopt best manual handling considerations when handling, carrying and dispensing.  
Ensure adequate ventilation of the working area. Wear suitable protective equipment.

<b>6.2. Environmental precautions</b>	Any spillage needs to be contained and not allowed to enter water courses.
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### 6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. If leakage cannot be stopped, evacuate the area.

<b>6.4. Reference to other sections</b>	Please always refer to sections 8 and 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- . Temperature: 0-50°C
- Adopt best manual handling considerations when handling, carrying and dispensing.

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

- Store in tightly closed original container in a dry, cool and well ventilated place. Keep in original container.

### 7.3. Specific end use(s)

- The identified uses for this product are detailed in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- Lubricating oils; Base oil - unspecified
- WEL (long term) 5mg/m<sup>3</sup>
- WEL (short term) 10mg/m<sup>3</sup>

#### 8.1.1 Exposure Limit Values

### 8.2. Exposure controls



#### 8.2.1 Appropriate engineering controls

#### 8.2.2 Individual protection measures

- Chemical resistant gloves (PVC)
- Ensure adequate ventilation of the working area
- Wear suitable respiratory equipment
- Wear approved safety goggles

## SECTION 9: Physical and chemical properties

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

<b>Appearance:</b>	Liquid Amber
<b>Odour:</b>	Mild
<b>Freezing point/Range:</b>	<-8°C
<b>Boiling Point/Range:</b>	>150°C
<b>Flashpoint:</b>	220°C
<b>Evaporation Rate:</b>	5
<b>Oxidising Properties:</b>	Not considered oxidising
<b>Auto-ignition Temperature:</b>	>320°C
<b>Explosive Properties:</b>	Non-explosive
<b>Vapour Pressure :</b>	0.1
<b>Density:</b>	0.875-0.91
<b>Solubility in Water:</b>	Insoluble in water

### 9.2. Other information

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** No hazardous reactions known if used for its intended purpose
- 10.2. Chemical stability** Considered Stable under normal conditions
- 10.3. Possibility of hazardous reactions**  
No hazardous reactions known if used for intended purpose
- 10.4. Conditions to avoid** Store at temperatures between 0°C and 50°C
- 10.5. Incompatible materials** Incompatible with strong oxidising substances.
- 10.6. Hazardous decomposition products**  
- Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

GENERAL INFORMATION. This product has low toxicity. Only in large volumes may have adverse effects on human health.

## SECTION 12: Ecological information

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

<b>12.1. Toxicity</b>	Not available
<b>12.2. Persistence and degradability</b>	This product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects to the aquatic environment.
<b>12.3. Bioaccumulation potential</b>	Bioaccumulation likely
<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>	Not applicable.
<b>12.6. Other adverse effects</b>	May cause long-term adverse effects in the environment. Films formed on water may affect oxygen transfer and damage organisms.

## SECTION 13: Disposal considerations

- 13.1. Waste treatment method** Disposal should be in accordance with local, state or national legislation.  
 UK Waste Codes 13 XX XX OIL WASTES OF LIQUID FUELS (Except edible oils, and those in chapters 05, 12 and 19)  
 Code given as a guideline only it could vary from different products and the way they were used.  
 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**  
 - 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:-

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R36: Irritating to eyes

### Disclaimer

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