

SEMI SYNTHETIC 5W/30



Revision: 17 March 2015

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

1.1. Product identifier

Product Name SEMI SYNTHETIC 5W/30

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
CAS Number: 74869-22-0, EC Number: 278-012-2
REACH Registration Number:
Concentration: 1-10%, R/H Phrases: Not Applicable
Zinc alkyl dithiophosphate
CAS Number: 68649-42-3, EC Number: 27-028-3, Concentration: 0.5-1%
REACH Registration Number: R/H Phrases: Xi R36 N;R51/53, CLP
Classification aquatic chronic 2/H411; Eye dam. 1/H318; Skin irrit. 2/H315

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact:	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.
Skin contact:	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
Inhalation:	S22 Do not breathe dust, S23 Do not breathe vapour When In doubt or symptoms persist, seek medical attention.
Ingestion:	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

Skin contact:	Can cause damage to skin and eyes.
Ingestion:	Causes nausea and vomiting

4.3 Indication of any immediate medical attention and special treatment needed

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

SECTION 5: Fire-fighting measures

5.1 Extinguishing media	Not Flammable. In Case of fire use extinguishing media appropriate to surrounding conditions. S43 In case of fire use Carbon Dioxide or dry agent. Do not use water jets
5.2 Special hazards arising from the substance or mixture:	In case of fire, do not breathe fumes.
5.3 Advice for Fire-fighters	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. Prevent run off water from entering drains if possible

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	Wear protective clothing as per section 8
6.2. Environmental precautions	Any spillage needs to be contained and not allowed to enter water courses.
6.3. Methods and material for containment and cleaning up	Absorb with inert, absorbent material. Ventilate area. Place in appropriate container Seal Containers and label them S40 Clean floor and Wash thoroughly after dealing with spillage.
6.4. Reference to other sections	Please always refer to sections 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- . S24/25 – Avoid Contact with skin and eyes
- Ventilate well, avoid breathing odours,
- Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- p233 Keep container tightly closed.

7.3. Specific end use(s)

- See section 1

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Lubricating oils; Base oil
- WEL (long term) 5mg/m³
- WEL (short term) 10mg/m³

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
- Wear suitable respiratory equipment
- Wear approved safety goggles

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid Amber
Odour:	Mild
Freezing point/Range:	-38°C
Boiling Point/Range:	>150°C
Flashpoint:	221°C
Oxidising Properties:	Not considered oxidising
Auto-ignition Temperature:	>300°C
Explosive Properties:	Non-explosive
Vapour Pressure :	0.1
Density:	0.875-0.91
Viscosity:	69.2
Solubility in Water:	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** P412 do not expose temperatures exceeding 50 °C and 122 °F.
- 10.5. Incompatible materials** Incompatible with strong oxidising substances.
- 10.6. Hazardous decomposition products**
- Decomposition products may include carbon oxides.

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.

Skin corrosion/irritation: May cause irritation by skin contact .

Serious eye damage/irritation: May cause temporary eye irritaion.

Respiratory or skin sensitisation: Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Repeated or prolonged contact: Prolonged or repeated contact with used oil may cause serious skin disease, such as dermatitis and skin cancer.

SECTION 12: Ecological information

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

12.1. Toxicity

Lubricating oils; Baseoils

Daphnia EC50/48h: 41000.0000 mg/l

Fish LC50/96h: 22810.0000 mg/l

12.2. Persistence and degradability

This product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects to the aquatic environment.

12.3. Bioaccumulation potential

Bioaccumulation is significant

12.4. Mobility in soil

Insoluble In water. Floats on water. Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

May cause long-term adverse effects in the environment
Information given is based on the components and the toxicology of similar products.

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