



Revision: 14 Mar 2016

SAFETY DATA SHEET

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 the 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

- Name of Supplier: Bardahl Distributors
- Address of Supplier: Unit 10, Greenhills Business Centre,
Greenhills Road, Tallaght, Dublin 24
- Telephone: 01 - 404 9490
- Email: info@bardahl.ie

1.4 Emergency telephone number

- Emergency Telephone: 01 - 404 9490

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Classification (EC) No. 1272/2008 (CLP)

2.2 Label elements

- Signal Word: None Required
- Hazard statements
Not Classified
- Precautionary statements
No classified as hazardous.

2.3 Other hazards

- A petroleum product. DMSO extract < 3 Weight % (IP 346). 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 IP 346. This note applies only to certain complex oil derived substances. (1272/2008/EC ("CLP"), Annex VI, Note L)

SECTION3 Composition/information on ingredients (....)

3.1 Mixtures

- Lubricating oils; Baseoil - unspecified
CAS Number: 74869-22-0
EC Number: 278-012-2
REACH Registration Number: Not Available.
Concentration: 90-100%
H Statements: Not Applicable
 - ZINC DITHIOPHOSPHATE
CAS Number: 68649-42-3
EC Number: 272-028-3
REACH Registration Number: Not Available.
Concentration: 0.5 - 1%
H Statements: H318. H411
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SECTION4 First aid measures

4.1 Description of first aid measures

- Inhalation
Do not breath Dust or Vapour. If inhaled and the vapour causes irritation to the nose or throat move the person to fresh air. If symptoms persist obtain medical attention.
- Contact with eyes
Irritating to eyes.
- Contact with skin
For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.
- Ingestion
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

- Eye contact: Irritating to eyes.
- Skin contact: Prolonged contact may cause redness, irritation and dry skin.
- Ingestion: DO NOT INDUCE VOMITING

4.3 Indication of any immediate medical attention and special treatment needed

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
 - If in eyes: Flush with lukewarm water for 15 minutes. Seek medical attention if irritation develops.
 - Skin contact: Wash with soap and water.
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SECTION5 Fire-fighting measures

5.1 Extinguishing media

SECTION 5 Fire-fighting measures (....)

- Fire can be extinguished using:., Foam., Dry chemicals, sand, dolomite etc.

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

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
- Do not use water Jet

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours/spray and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces. Do not smoke, use open fire or other sources of ignition.
- No action shall be taken involving any personal risk or without suitable training.

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 into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

- For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

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

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

SECTION8 Exposure controls/personal protection (....)

- Lubricating oils; Baseoil - unspecified

8.2 Exposure controls



- Wear suitable respiratory protection
 - Chemical resistant gloves (PVC).
 - Wear approved safety goggles.
 - Ensure adequate ventilation of the working area.
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SECTION9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: <-18
- Boiling Point/Range: >150C
- Flashpoint: 220C
- Oxidising Properties: Not considered oxidising
- Autoignition Temperature >320
- Density: 0.875 - 0.91
- Explosive Properties: Considered stable under normal conditions
- Evaporation Rate: 5

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical datasheet.
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SECTION 10 Stability and reactivity

10.1 Reactivity

- Stable under normal temperature conditions and recommended use.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Do not mix with other products.

10.4 Conditions to avoid

- Store at temperatures between 0 °C and 50°C.

10.5 Incompatible materials

- Strong oxidising substances.

10.6 Hazardous Decomposition Products

SECTION 10 Stability and reactivity (....)

- Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Lubricating oils; Baseoil - unspecified:
Inhalation Rat LC50/30min: >5.53 Dermal Rat LD50: >2000
Oral Rat LD50: >5000
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SECTION 12 Ecological information

12.1 Toxicity

- Not available

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 likely.

12.4 Mobility in soil

- The product is non-volatile. The product is insoluble in water and will spread on the water surface.

12.5 Results of PBT and vPvB assessment

- Not applicable.

12.6 Other Adverse Effects

- May cause long-term adverse effects in the environment. Films formed on water may affect oxygen transfer and damage organisms.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- 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.
 - Disposal should be in accordance with local, state or national legislation
 - We recycle 205L and 1000L packaging.
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SECTION 14 Transport information

14.1 UN Number

- UN No.: Not classified as hazardous for transport

14.2 UN Proper Shipping Name

SECTION 14 Transport information (....)

- Proper Shipping Name: Not classified as hazardous for transport

14.3 Transport hazard class(es)

- Hazard Class: Not classified.

14.4 Packing group

- Packing Group: ICAO Packing group N/A, IMDG Packing group N/A

14.5 Environmental hazards

- Not classified.

14.6 Special precautions for user

- Read SDS and TDS for instructions of correct use

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not relevant
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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

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H318: Causes serious eye damage. H411: Toxic to aquatic life with long lasting effects.

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