



Revision: 16 Jul 2015

SAFETY DATA SHEET

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 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

1.4 Details of the supplier of the safety datasheet

- 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

1.5 Emergency telephone number

- Emergency Telephone: 01 - 404 9490

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not Classified
- CHIP: Not hazardous according to current CHIP Regulations

2.2 Label elements

- Signal Word: None Required
- Hazard phrases
None assigned
- Precautionary Phrases
None assigned

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)



SECTION 3 Composition/information on ingredients (....)

3.1 Mixtures

- Lubricating oils; Baseoil
CAS Number: 74869-22-0
EC Number: 278-012-2
REACH Registration Number:
Concentration: 1 - 10%
H Phrases: Not Applicable
 - Zinc alkyl dithiophosphate
CAS Number: 68649-42-3
EC Number: 27-028-3
REACH Registration Number:
Concentration: 0.5-1%
H Phrases: H411. H318
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SECTION 4 First aid measures

4.1 Description of first aid measures

- Inhalation
Do not breathe dust or vapour.
- Contact with eyes
Irritating to eyes.
Irrigate eyes thoroughly whilst lifting eyelids
When in doubt or symptoms persist, seek medical attention
- Contact with skin
Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
- 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

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

4.3 Indication of any immediate medical attention and special treatment needed

- If in eyes: Flush with lukewarm water for 15 minutes. Seek medical attention if irritation develops.
 - Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
 - Skin contact: Wash with soap and water.
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SECTION 5 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.
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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

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Place in appropriate container
- Seal containers and label them

6.4 Reference to other sections

- See Section 8
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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.

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)

- See Section 1
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Lubricating oils; Baseoil
 - WEL (long term) 5 mg/m³
 - WEL (short term) 10 mg/m³
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SECTION 8 Exposure controls/personal protection (....)

8.2 Exposure controls



- Chemical resistant gloves (PVC).
 - Ensure adequate ventilation
 - Wear Suitable respiratory equipment.
 - Wear approved safety goggles.
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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
- Explosive Properties: Considered stable under normal conditions
 - Autoignition Temperature >300°C
- 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 datasheet.
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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 its intended purpose

10.4 Conditions to avoid

- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

10.5 Incompatible materials

- Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products

SECTION 10 Stability and reactivity (....)

- Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- GENERAL INFORMATION. This product has low toxicity. Only large volumes may have adverse impact on human health.
Skin corrosion/irritation: May cause irritation by skin contact.
Serious eye damage/irritation: May cause temporary eye irritation.
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 exposure: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.
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SECTION 12 Ecological information

12.1 Toxicity

- Lubricating oils; Baseoil
- 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 insignificant

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 data on the components and the toxicology of similar products.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

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

14.1 UN Number

- UN No.: Not applicable

14.2 UN Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Not Classified

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

- Not Classified
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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

SECTION 16 Other information (....)