



Revision: 11 Mar 2015

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Semi Synthetic 75w/90 GL5

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

- Use of the substance/mixture: Gear and Transmission Lubricant
- 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
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Classification (EC) No. 1272/2008 (CLP)
- CHIP: The product is classified in accordance with 67/548/EEC.

2.2 Label elements

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

3.1 Mixtures

- Lubricating oils; Baseoil - unspecified
CAS Number: 74869-22-0
EC Number: 278-012-2
REACH Registration Number:
Concentration: 30 - 40%
R/H Phrases: Not Applicable
 - Lubricating oils (petroleum),
CAS Number: 72623-87-1
EC Number: 276-738-4
REACH Registration Number:
Concentration: 60 - 70%
R/H Phrases: Not Applicable
 - N-phenyl-benzenamine, reaction products with 2.4.4-trimethylpentene
CAS Number: Not Available
EC Number: Not Available
REACH Registration Number:
Concentration: 0 - 0.5%
R/H Phrases: R51/53
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SECTION 4 First aid measures

4.1 Description of first aid measures

- Inhalation
When in doubt or symptoms persist, seek medical attention
- Contact with eyes
H320 - Causes eye irritation.
If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
When in doubt or symptoms persist, seek medical attention
- Contact with skin
H315 - Causes skin irritation.
S27/28 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water
Seek medical attention if irritation persists
- Ingestion
If swallowed and symptoms develop, seek medical attention. DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting.
Seek medical advice if necessary

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes and skin
- Causes nausea/vomiting
- May cause breathing difficulty

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4 First aid measures (....)

- S28b - Wash affected area with plenty of soap and water
 - S44 - If you feel unwell, seek medical advice (show the label where possible)
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- 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 firefighters

- Prevent run off water from entering drains if possible
 - 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
- S40 - To clean the floor and all objects contaminated by this material use water

6.4 Reference to other sections

- See Section 8
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- S24/25 - Avoid contact with skin and eyes
- Ensure adequate ventilation
- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.
- P202 - Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
 - P233 - Keep container tightly closed.
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SECTION 7 Handling and storage (....)

7.3 Specific end use(s)

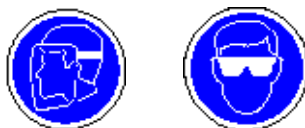
- See Section 1
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- WEL (long term) 5 mg/m³
- WEL (short term) 10 mg/m³

8.2 Exposure controls



- Wear approved safety goggles.
 - Wear Suitable respiratory equipment.
 - Ensure adequate ventilation
 - Chemical resistant gloves (PVC).
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, red
- Odour: Characteristic.
- Freezing point/Range: N/A
- Boiling Point/Range: > 150 °C
- Flashpoint: 200 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature 195 °C
- Vapour Pressure: <1
- Density: 0.885
- Viscosity: 105
- 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.
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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
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SECTION 10 Stability and reactivity (....)

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

- 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.
 - Lubricating oils; Baseoil - unspecified:
Inhalation Rat LC50/30min: >5.53 Dermal Rat LD50: >2000
Oral Rat LD50: >5000
 - May cause irritation by skincontact.
 - Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.
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SECTION 12 Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- This substance is not readily biodegradable

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

- R58 - May cause long-term adverse effects in the environment
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 13 Disposal considerations (....)

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

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

SECTION 16 Other information (....)

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