



Revision: 13 Mar 2015

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Hydraulic Oils 22-150

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

- Use of the substance/mixture: Hydraulic 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: Not Classified
- CHIP: Not hazardous according to current CHIP Regulations

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)
-

SECTION 3 Composition/information on ingredients

3.1 Mixtures

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

- Lubricating oils (petroleum), Baseoil - unspecified
 - CAS Number: 72623-87-1
 - EC Number: 276-738-4
 - REACH Registration Number: Not Available.
 - Concentration: 90-100%
 - R/H Phrases: Not Applicable
-

SECTION 4 First aid measures

4.1 Description of first aid measures

- Inhalation
 - Do not breathe dust or vapour.
- Contact with eyes
 - 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
 - Irritating to skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water. 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

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- Skin Contact: May cause irritation to skin and eyes.

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.
 - Skin contact: Wash with soap and water.
 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
-

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Use an extinguishing agent suitable for the surrounding fire. Carbon oxides. Sand.

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

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

- 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 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
- Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

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.
Temperature: 0 - 50 °C.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Lubricating oils; Baseoil - unspecified

8.2 Exposure controls



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

SECTION 8 Exposure controls/personal protection (....)

- Wear Suitable respiratory equipment.
-

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: < -20 °C
- Boiling Point/Range: >150 °C
- Flashpoint: >200 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature > 300 °C
- Vapour Pressure: <0.5
- Density: 0.876-0.879
- 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

- Do not mix with other products.

10.4 Conditions to avoid

- Do not expose to temperatures between 0 °C and 50 °C

10.5 Incompatible materials

- Incompatible with strong oxidizing 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

SECTION 11 Toxicological information (....)

- 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.
 - Lubricating oils (petroleum), Baseoil - unspecified
Inhalation Rat LC50/30min: >5.53 Dermal Rat LD50: >2000
Oral Rat LD50: >5000
-

SECTION 12 Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

- The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in aquatic environments.

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- The product is not 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.
-

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.
-

SECTION 14 Transport information

14.1 UN Number

SECTION 14 Transport information (....)

- 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
-

SECTION 15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Refer to current Health and Safety at Work Act
- 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.
- We recycle 205L and 1000L packaging.

15.2 Chemical Safety Assessment

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

SECTION 16 Other information**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