# Safety Data Sheet

## LHDF 900

Replaces date: 15/02/2021

Revision date: 26/06/2022
Version: 1.3.0

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

### 1.1. Product identifier

**Trade name:** LHDF 900

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

**Recommended uses:** Lubricant.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

| | |
|---|---|
| Company: | SKF MPT |
| Address: | Meidoornkade 14 |
| Zip code: | 3992 AE |
| City: | AE Houten |
| Country: | NETHERLANDS |
| E-mail: | support.mpt@skf.com |
| Phone: | +31 30 6307200 |
| Homepage: | www.skf.com |

### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**CLP-classification:** The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

**Most serious harmful effects:** May cause slight irritation to the skin and eyes.

### 2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Contains no substances subject to reporting requirements

**Ingredient comments:** The mineral oils in the product contain <3% DMSO extract(IP 346).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air. Seek medical advice in case of persistent discomfort.

**Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**General:** When obtaining medical advice, show the safety data sheet or label.

### 4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Not flammable, but combustible. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Stop leak if this can be done without risk. Wear safety goggles if there is a risk of eye splash. Wear gloves.

**For emergency responders:** In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

### 6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

### 7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Do not expose to heat (e.g. sunlight). Do not store with the following: Strong alkalis/ Strong acids/ Oxidisers.

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** EH40/2005 Workplace exposure limits. Last amended January 2020.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

**Personal protective equipment, respiratory protection:** Not required.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| Parameter | Value/unit |
|---|---|
| State | Liquid |
| Colour | Blue |
| Odour | Characteristic |
| Solubility | Insoluble in the following: Water. |

| Parameter | Value/unit | Remarks |
|---|---|---|
| Odour threshold | No data | |

| | | |
|---|---|---|
| Melting point | No data | |
| Freezing point | No data | |
| Initial boiling point and boiling range | No data | |
| Flammability (solid, gas) | No data | |
| Flammability limits | No data | |
| Explosion limits | No data | |
| Flash Point | > 185 °C | |
| Auto-ignition temperature | No data | |
| Decomposition temperature | No data | |
| pH (solution for use) | No data | |
| pH (concentrate) | No data | |
| Kinematic viscosity | 910 mm2/s | (20 °C) |
| Viscosity | No data | |
| Partition coefficient n-octonol/water | No data | |
| Vapour pressure | No data | |
| Density | No data | |
| Relative density | 0.88 g/cm³ | (15 °C) |
| Vapour density | No data | |
| Relative density (sat. air) | No data | |
| Particle characteristics | No data | |

### 9.2. Other information

| Parameter | Value/unit | Remarks |
|---|---|---|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Strong alkalis/ Strong acids/ Strong oxidisers.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight).

### 10.5. Incompatible materials

Strong alkalis/ Strong acids/ Strong oxidisers.

### 10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed:
Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|---|---|
| **Acute toxicity - oral:** | Ingestion may cause discomfort. The product does not have to be classified. Test data are not available. |
| **Acute toxicity - dermal:** | The product does not have to be classified. Test data are not available. |
| **Acute toxicity - inhalation:** | The product does not have to be classified. Test data are not available. |
| **Skin corrosion/irritation:** | May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available. |
| **Serious eye damage/eye irritation:** | May cause eye irritation. The product does not have to be classified. Test data are not available. |
| **Respiratory sensitisation or skin sensitisation:** | The product does not have to be classified. Test data are not available. |
| **Germ cell mutagenicity:** | The product does not have to be classified. Test data are not available. |
| **Carcinogenic properties:** | The product does not have to be classified. Test data are not available. |
| **Reproductive toxicity:** | The product does not have to be classified. Test data are not available. |
| **Single STOT exposure:** | The product does not have to be classified. Test data are not available. |
| **Repeated STOT exposure:** | The product does not have to be classified. Test data are not available. |
| **Aspiration hazard:** | The product does not have to be classified. Test data are not available. |

### 11.2. Information on other hazards

| | |
|---|---|
| **Endocrine disrupting properties:** | None known. |
| **Other toxicological effects:** | None known. |

## SECTION 12: Ecological information

### 12.1. Toxicity

The product does not have to be classified. Test data are not available.

### 12.2. Persistence and degradability

Test data are not available.

### 12.3. Bioaccumulative potential

Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

None known.

German water pollution classification (WGK): 1

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

**Category of waste:** EWC code: Depends on line of business and use, for instance 13 01 10* mineral based non-chlorinated hydraulic oils

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

## SECTION 14: Transport information

**14.1. UN number or ID number:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

**14.4. Packing group:** Not applicable.

**14.5. Environmental hazards:** Not applicable.

### 14.6. Special precautions for user

None.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

**Other Information:** The product is not covered by the rules for transport of dangerous goods.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Special Provisions:** None.

### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

## SECTION 16: Other information

### Version history and indication of changes

| Version | Revision date | Responsible | Changes |
|---|---|---|---|
| 1.3.0 | 26/06/2022 | Bureau Veritas HSE / DOL | 1,9,11,12,16 |

| | |
|---|---|
| **Abbreviations:** | PBT: Persistent, Bioaccumulative and Toxic<br>vPvB: Very Persistent and Very Bioaccumulative<br>STOT: Specific Target Organ Toxicity |
| **Other Information:** | This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC “The Registration, Evaluation and Authorization of Chemicals” as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed. |
| **Training advice:** | A thorough knowledge of this safety data sheet should be a prerequisite condition. |
| **Classification method:** | Calculation based on the hazards of the known components. |
| **Country:** | GB |