



SAFETY DATA SHEET

Material safety data sheet

LHDF 900

Last changed: 2006-02-24

1. IDENTIFICATION OF PRODUCT AND COMPANY

TRADE NAME LHDF 900
APPLICATION SKF dismounting fluid.

Supplier
Company SKF Maintenance Products
Address Postbus 1008
Postal code NL-3430 BA Nieuwegein
Country The Netherlands
Telephone +31 30 6307200
Fax +31 30 6307205
Contact person Sébastien David
e-mail sebastien.david@skf.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Ingredient name	EC No.	CAS No.	Conc. (wt %)	R-List	Classification
1	Baseoil-unspecified	-	-	60 - 100 %		No classification required
Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Carc. = Carcinogenic, Mut. = Mutagenic, Repr. = Reproductive						

INGREDIENT COMMENTS

The complete text of the R-phrases mentioned in section 2 is stated in section 16.

Note L:

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.

3. HAZARDS IDENTIFICATION

HEALTH

May be irritating to eyes.
Gas/vapour may irritate airways/lungs.
Prolonged or frequently recurrent contact will degrease the skin and may cause skin irritation.

FIRE AND EXPLOSION

Not flammable, but combustible.

ENVIRONMENT

Forms an oil film on water surfaces that may harm aquatic organisms and may disturb the transport of oxygen at the air-water interface.

4. FIRST AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Seek medical advice if symptoms develop.

SKIN CONTACT

Immediately flush contaminated skin with soap or mild detergent and water. Immediately remove soaked clothing and flush the skin with water. Use appropriate hand lotion to prevent degreasing and cracking of skin. Seek medical advice if irritation persists.

EYE CONTACT

Immediately flush eyes with plenty of water while holding eye lids open. Remove any contact lenses and continue rinsing with water for at least 15 minutes (keep the eyelids open). Seek medical advice if irritation persists.

INGESTION

DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach contents do not enter lungs. Thoroughly rinse the mouth with water. Drink a few glasses of water or milk. Seek medical advice.



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5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide, powder, alcohol-resistant foam, water spray or water mist.

IMPROPER EXTINGUISHING MEDIA

Do not use a direct water stream which may spread the fire.

EXTINGUISHING METHODS

Use water to cool exposed containers. Remove containers from fire area if this can be done without risk. If possible, fight the fire from a protected location.

FIRE AND EXPLOSION HAZARDS

Not flammable, but combustible. Carbon monoxide and hydrocarbons are released in a fire situation.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Provide good ventilation.

Avoid contact with the skin, eyes and airways.

Wear necessary protective equipment. Keep the emission away from sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Prevent discharge to the sewage system, waterways or ground.

METHODS FOR CLEANING UP

Stop leak if this can be done without risk. Absorb in an inert material (sand, vermiculite, etc.) and collect into a suitable container. Collect and dispose of materials in closed and labelled containers at an approved disposal or waste collection facility. Clean with soap and water or detergent. Flush clean with plenty of water. Be aware of the risk of slippery surfaces.

OTHER INFORMATION

Inform the local authorities in case of large spills/leaks.

7. HANDLING AND STORAGE

HANDLING ADVICE

Provide good ventilation. Avoid formation of aerosol/mist. Wear necessary protective equipment. Avoid inhaling vapour/aerosol/mist.

STORAGE

Store in original container only in a cool, well-ventilated area. Keep container tightly closed. Store separately from oxidising materials.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE CONTROL

Provide good ventilation. Wash the skin at the end of each work shift and before eating, smoking and using restroom facilities. Eye wash facilities and safety shower must be available when handling this product.

RESPIRATORY PROTECTION

Respiratory protective equipment is usually not necessary. In case of insufficient ventilation, wear respiratory protective equipment with A/P2 filter.

EYE PROTECTION

Wear approved safety goggles if there is a risk of eye splash.

HAND PROTECTION

Protective gloves (butyl rubber, nitrile rubber, Viton[®], 4H).



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PROTECTIVE CLOTHING

Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Blue.
Odour	Mild.
Water solubility	Insoluble in water.

Physical and chemical parameters

Parameter	Value / Unit	Method	Note
Flash point	> 185 °C	ASTM D93	
Auto-ignition temp.	> 350 °C	ASTM D 659	
Decomposition temp.	> 350 °C		
Density	0,895 g/cm ³		
Viscosity	900 cSt	20 °C	
Pour point	< -23 °C ASTM D 566		

10. STABILITY AND REACTIVITY

STABILITY

Stable under recommended storage and handling conditions.

CONDITIONS TO AVOID

Avoid heat, sparks and naked flames. Avoid temperatures above 350 °C. Take precautionary measures against static discharges.

MATERIALS TO AVOID

Avoid contact with oxidising substances, strong acids and strong bases.

11. TOXICOLOGICAL INFORMATION

Acute toxic test results

Route of exposure	Value / Unit	Species	Exp. time	Note
Oral LD50	> 2000 mg/kg	Rat		

INHALATION

On warming/heating, the vapours emitted may cause irritation to the respiratory organs. May cause coughing and breathing difficulties.

SKIN CONTACT

Prolonged or frequently recurrent contact will degrease the skin and may cause skin irritation.

EYE CONTACT

May cause moderate irritation/smartering.

INGESTION

May cause irritation of the mucous membranes, nausea and vomiting.

12. ECOLOGICAL INFORMATION

Acute aquatic test results

Test	Value / Unit	Test method	Exp. time	Species
Acute Fish LC50	> 100 mg/kg			

DEGRADABILITY

Not readily biodegradable.

OTHER EFFECTS

Forms an oil film on water surfaces that may harm aquatic organisms and may disturb the transport of oxygen at the air-water interface.



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CONCLUSION

Prevent discharge to the sewage system, waterways or lakes.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS

Treat as hazardous waste. Collect and dispose of materials in closed and labelled containers at an approved disposal or waste collection facility. Empty packages must be handled in an environmentally safe manner in accordance with applicable laws and regulations.

CATEGORY OF WASTE

The EWC code is a suggestion only; the end user will select a suitable EWC code.13 02 08* other engine, gear and lubricating oils.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods:

Yes

No

N/A

OTHER INFORMATION

Not classified as dangerous goods.

15. REGULATORY INFORMATION

EC-Label

Yes

No

N/A

COMPOSITION

Baseoil-unspecified (60 - 100 %)

S-PHRASES

S23 Do not breathe gas/fumes/vapour/spray.

S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves and eye/face protection.

REFERENCES

Directive 1999/45/EC.

Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances.

Directive 2001/58/EC (91/155/EEC).

European Waste Catalogue (EWC 2002).

Occupational exposure limits (EH40/2006)

Transport of dangerous goods: ADR, RID, IMDG and IATA.

16. OTHER INFORMATION

LIST OF RELEVANT R-PHRASES

No.	R-Phrase text
R45	May cause cancer.

ISSUED:

24/02/2006