

MATERIAL SAFETY DATA SHEET

MSDS

Issued: 97-09-03

Internal num.:

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PN OHΦΦ1Φ5-Φ1 Hydraulolja 131 (eng)

☒ Approved for use.

☐ Approved for lab. use only.

1. PRODUCT AND COMPANY

TRADE NAME : Hydraulolja 131 (eng)

CHEM. NAME :

ART.-no. : 045414

APPLICATION : Hydraulic oil

SUPPLIER : Svenska Statoil AB, Smörjmedel

ADDRESS : Box 194

POST ADDRESS : 149 22 Nynäshamn

PHONE : + 46 8429 60 00

TELEFAX : + 46 8429 68 51

ISSUED BY : Milan Kopp

RESPONSIBLE : Milan Kopp

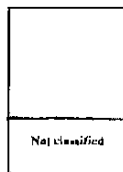
2. COMPOSITION OF PRODUCT

No.	Name	CAS-no.	Conc. (w%)	Classif.
1	Highly refined mineral oil (PCA-extract IP < 3 %, IP 346)	-	> 80 %	IK
2	Phosphoric acid ester/amine preparation,	-	-	IK
3	Inhibitors	-	-	(IK)
4	Polymethacrylate	-	-	IK
5	Acrylate polymer	-	-	IK

Legend: Tx=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, IK=No classification required.
 E=Explosive, O=Oxidising, Fx=Extremely flammable, F=Very flammable, Fo=Flammable, N=Danger to the environment
 Mu=Carcinogenic, Sen=Sensitizing, Carc=Carcinogen, Rep=Causes birth defects, H=(skin absorption)

3. HAZARD IDENTIFICATION

Not classified



(Not classified)



(Not classified)

4. FIRST AID

INHALATION

Fresh air, rest and keep warm. Rinse nose, mouth and throat with water. Seek medical advice if symptoms persist.

SKIN CONTACT

Take off contaminated clothing. Flush the skin with water. Seek medical advice if symptoms persist.

EYE CONTACT

Rinse immediately with water for 10-15 minutes. Keep the eyes open. If symptoms persist: To hospital as soon as possible.

INGESTION

DO NOT induce vomiting. Call a physician.

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7. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with powder/carbon dioxide/foam.

FIRE FIGHTING

Containers near fire must be moved and/or cooled with water. Fire in closed areas should only be extinguished by personal trained in fire fighting.

FIRE AND EXPLOSION HAZARDS

Combustion forms irritating fumes. Carbon monoxide may be formed in the event of incomplete combustion.

8. ACCIDENTAL RELEASE MEASURES

Contain spilled product with sand, earth or other suitable material. Recover with a suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Advise local authorities if product has entered or may enter sewers, watercourses, or has contaminated soil or vegetation. Contact relevant authorities in the event of/when large spill.

9. HANDLING AND STORAGE

HANDLING

Handle adequate to avoid waste.

STORAGE

No special storage conditions required.

10. EXPOSURE CONTROL/PERSONAL PROTECTION

TLV's:

Name:	CAS-no:	TLV:
Highly refined mineral oil (PCA-extract IP < 5 %, IP 346)		5 mg/m ³

EXPOSURE CONTROL

Ensure good ventilation.

EYE PROTECTION

Eye protection and protective gloves shall be used when there is a risk of direct contact or splashes.

HAND PROTECTION

Eye protection and protective gloves shall be used when there is a risk of direct contact or splashes.

SKIN PROTECTION

Protective clothing should be worn when there is a risk of direct contact or splashes.

11. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid.		
Colour:	Straw coloured.		
Odour:	Faint. Oil.		
Solubility:	Organic solvent.		
Melting point/range:	< -51 C		Boiling point/range:
Density:	878 kg/m ³ at 15 C		Flash point:
Expl. limit LEL-UEL%:			>100 C ASTM D 92
Solubility in water:	Negligible		pH concentrate:
Ignition temp.:	> 200 C		Viscosity:
			28 mm ² /s at 40 C

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10. STABILITY AND REACTIVITY

STABILITY

Stable with normal handling.

MATERIALS TO AVOID

Strong oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS

By combustion the following is formed: Carbon dioxide (CO₂), carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

Acute oral tox. : > 2000 mg/kg LD50 (expected value)

Acute derm. tox. : > 2000 mg/kg LD50 (expected value)

GENERAL

Low order of acute/systemic toxicity. Oil mists may be irritating to eyes, nose, throat, and lungs. Prolonged or repeated contact may lead to mild skin irritation.

12. ECOLOGICAL INFORMATION

Highly refined base oils:

Aquatic toxicity data for base oils indicate LC50 values of > 1000 mg/l. Substances may not meet criteria for ready degradability and components have log Pow values in the range 3.9 to > 6. However, chronic toxicity studies show that they do not represent a long-term danger to the aquatic environment.

13. DISPOSAL

To be disposed of according to local regulations.

14. TRANSPORT INFORMATION

GENERAL

Not classified in IMO or ADR/RID

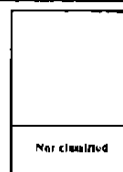
15. REGULATORY INFORMATION

Classif.:



Not classified

(Health classif.)



Not classified

(Fire classif.)

COMPOSITION

Highly refined mineral oil (PCA-extract IP < 3 %, IP 346)

16. OTHER INFORMATION

REVISION DATE: 97-09-03

Replaces MSDS of:

INFORMATION SOURCES:

Concawe rapport nr 95/59

VENDOR NOTES

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16 OTHER INFORMATION (cont.)

USER NOTES

