

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Product Name : OIL BASED FLUSHING SOLUTION
Product Code :
Revision No : D
Date : 08/11/2007

COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS (nl - not listed in CHIP)

Chemical Name	%	CAS Number	EEC No	Hazard Symbol	R Phases
Mineral oil of petroleum origin	<40	64742-46-7	265-148-2	Xn Harmful	R65
Mineral oil of petroleum origin	>50	N/A	N/A	N/A	N/A

R-65 Harmful: may cause lung damage if swallowed.

S-phrases : S-62 If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label

The remaining ingredients, including the dye, do not present a health hazard within the meaning of the EC/ CHIP2 regulations.

HAZARDOUS IDENTIFICATION

Classification (CHIP) : Irritant **Harmful**

Main Health Hazards : If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions and lead to the rapid development of very serious inhalation pulmonary lesions Harmful: may cause lung damage if swallowed

FIRST AID

Inhalation : Remove casualty to fresh air.

Skin Contact : Wash from skin using soap and water.

Eye Contact : Flush thoroughly with water. If soreness or redness persists, seek medical attention.

Ingestion : DO NOT induce vomiting, encourage casualty to drink water. Seek medical advice.

Do not use :

FIRE FIGHTING MEASURES

Flammability : Non Flammable

Combustion products : Oxides of Carbon.

Extinguishing media : In the event of a fire use CO2, Foam, Dry Powder,

Do not use : Water

Measures :

ACCIDENTAL RELEASE MEASURE

Mop or soak up spillage's in absorbent material. Dispose of in accordance with Local Authority Regulations.

HANDLING AND STORAGE

Handling : Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.

Fire Prevention : Avoid heat and sources of ignition

Storage : Normal cool warehouse conditions. Keep in closed container.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Ventilate extensively if the formation of vapours, fumes, mists or aerosol is a risk

Eye and Skin protection : Wear safety glasses and gloves if splashing is likely.

EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)**OCCUPATIONAL EXPOSURE LIMITS :**

For exposure to oil mist, a mean exposure value of 5 mg/m³ is recommended (TLV-TWA)

Avoid prolonged and repeated contact with the skin.
Do not eat, drink or smoke while handling the product.
Do not use cloths stained with the product to dry hands

PHYSICAL AND CHEMICAL PROPERTIES

Form : Black Coloured Liquid

pH : n/a

Flashpoint : >100°C

Melting Point : -3 °C

Vapour Pressure : <0,02 hPa @ 20°C

Vapour Density : 805 - 820 kg/m³ Temperature (°C) 15

Solubility in Water : Non miscible in water

STABILITY AND REACTIVITY

Chemical reactivity : Avoid Strong acids and oxidising agents

Decomposition products : Incomplete combustion and thermolysis produces potentially toxic gases such as CO, CO₂, various hydrocarbons, aldehydes and soot

Materials / conditions to avoid : None

TOXICOLOGICAL INFORMATION

Skin contact : LD50 (Rabbit) > 2000 mg/kg (CONCAWE) Ingestion : LD50(Rat) > 2000 mg/kg (CONCAWE) Inhalation: Non-classified

Frequent or prolonged skin contact destroys the lipoacid cutaneous layer and may cause dermatosis

ECOLOGICAL INFORMATION

Ecotoxicity : Acute toxicity. LC50 96 hours fish > 100 mg/l Biodegradability. OECD test. 28 days 61 % Mobility :- Soil: Given its physical and chemical characteristics, the product generally shows little mobility in the ground - Water: The product is insoluble; it spreads on the surface of the water Bioaccumulation : Bioaccumulable Persistence and degradability : Partly biodegradable

DISPOSAL CONSIDERATIONS

Prevent from entering sewers or the immediate environment - Relevant disposal method The only method authorized is collection by an authorized waste contractor and regeneration or incineration in an approved installation

TRANSPORT REGULATIONS

Proper shipping name : Printing ink

Road (ADR) / Rail (RID) :

Transport by barge (ADNR) :

Marine (IMO-IMDG) :

Air (ICAO/IATA) :

REGULATORY INFORMATION

CHIP labelling -

Symbol : Xn
St.Andrews Cross

Hazard : Harmfull
Risk Phrases: 65

Contains : Hydrocarbon Liquid

OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.

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