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To: Kristian/Esator
FM: Ricky tan

No.05124

!!! TOP URGENT !!!

MATERIAL SAFETY DATA SHEET

Product Name: WHITE OIL.

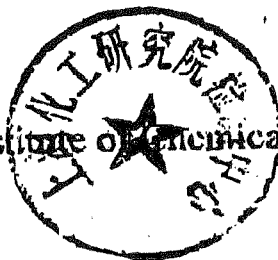
Revision Date: 1st Nov. 2005

Compiler: Yangzi

Checker: Fanbin

Approver: Lingang

Shanghai Research Institute of Chemical Industry Testing Center



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China Petrochemical Corporation Hangzhou Oil Refinery

MATERIAL SAFETY DATA SHEET**WHITE OIL****SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

Product name: WHITE OIL

Company: China Petrochemical Corporation Hangzhou Oil Refinery

Address: No. 48, Pinglian Road, Kangqiao, Hangzhou City, Zhejiang Province, 310015, P. R. China

Fax: 86-571-88043656

Emergency Phone: 86-571-88467100

E-mail: wuxiaoqing@sinopec-hr.com

MSDS Number: 05124

MSDS Date: 1st Nov. 2005**SECTION 2 INFORMATION ON INGREDIENTS**

Product name: WHITE OIL

Ingredient
 $C_{12}H_{26}$ Concentration
100%CAS No.
8012-95-1 or 8042-47-5**SECTION 3 HAZARDS IDENTIFICATION**

Emergency Overview: May irritate to eyes and skin.

HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

NFPA RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION 4 FIRST-AID MEASURES

Skin Exposure: In case of contact, flush with copious amounts of water.

Eye Exposure: In case of contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, dry chemical powder, appropriate foam or carbon dioxide.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Hazardous Decomposition Products: CO, CO₂.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedures of Personal Precautions:

Wear appropriate protective clothing.

Methods for cleaning up:

Mix with inert material (eg. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling

User Exposure: Avoid contact with eyes. Keep away from ignition sources, heat, light and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

SECTION 8 EXPOSURE CONTROLS/PE

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Wear government approved respirator if needed.

Eye: Safety glasses.

Clothing: Wear appropriate protective clothing.

Hand: Compatible protective gloves.

General Hygiene Measures: No smoking, drinking, and eating at working site. Wash thoroughly after handling.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent oily liquid
 Odor: Weak odor
 Flash Point: > 90°C. (closed cup)
 Solubility: Immiscible in water, immiscible in ethanol and acetone

SECTION 10 STABILITY AND REACTIVITY

Stable: Stable.

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

SECTION 11 TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

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Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

Ingestion of large doses will produce a laxative effect and may be irritating to the digestive tract. Aspiration into lungs will cause lipid pneumonia.

IARC CARCINOGEN LIST

Rating: Group 3

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS**Appropriate Method of Disposal of substance:**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber, or contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

SECTION 14 TRANSPORT INFORMATION**DOT**

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA:

Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO:

Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

ADR/RID Class: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

SECTION 15 REGULATORY INFORMATION**UNITED STATES REGULATORY INFORMATION**

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

SECTION 16 OTHER INFORMATION

Date: 1st Nov, 2005

Department: Testing Center of Shanghai Research Institute of Chemical Industry

Tel(Fax): 8621-52800971/52807275/52811034

Revision: 0

Other Information

The MSDS is prepared in accordance with GB 16483-2000 General Rules for Preparation of Chemical Safety Data Sheet (eqv ISO 11014-1:1994)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims,