

**HANGZHOU OIL FACTORY OF SINOPEC GROUP
MATERIAL SAFETY DATA SHEET MSDS**

PART ONE:CHEMICAL NAME AND CORPATION ID

CHINESE NAME : WHITE OIL

ENGLISH NAME: WHITE OIL

COMPANY NAME: HANGZHOU OIL FACTORY OF SINOPEC GROUP

ADDRESS: 48#,KANGQIAOPINGLIAN ROAD,HANGZHOU CITY

POST CODE: 310015

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MSDS NO; 05124

DATE:Nov,1st 2005

PART TWO: COMPONENT/COMPOSING

CHEMIC NAME : White oil

COMPONENT CONCENTRATION CAS NO.

CnH2n 100% 8042-95-1(white oil) or8042-17.5(mineral oil)

PART THREE: FATALNESS EXPLAINATION

FATALNESS SORT: Non-fatalness for transport

INBREAKING FORM: Eating

FATALNESS FOR HEALTH: Slight irritating to eyes and skin, avoid direct contact.

FATALNESS FOR ENTRIONMENT: No datum

FATALNESS FOR EXPLODE: Dangerous goods are not flammable, non-explosion risk.

PART FOUR: FIRST-AID MEASURE

SKIN CONTACT: Rinse immediately with plenty of water.

EYE CONTACT: Immediately filing eyelid or washing with saline at least 15 minutes.

INBREATHE: Immediately apart from scene to fresh air, if difficulty breathing, seek medical treatment.

EATING: If it is level-headed, rinsing with warm water and seeking medical treatment.

PART FIVE: FIRE FIGHTING MEASURES

HAZARDOUS PROPERTIES: Non- explosion hazard, Not part of flammable dangerous goods, Non-risk free oxidant, Not part of corrosion products, Not part toxic chemicals.

HAZARDOUS COMBUSTION PRODUCTS: CO,CO₂

FIRE FIGHTING METHODS AND EXTINGUISHING AGENTS:

Drinking water,CO₂,Chemical foam fire extinguishing agent.

FIRE PRECAUTIONS AND MEASURES:

Firemen must wear breathing apparatus and avoid direct contact with skin and eyes.

PART SIX: EMERGENCY DISCLOSURE FOR LEAKING

EMERGENCY DISCLOSURE:

Emergency personal should wear right protective clothing ,using inert material (eg, dry sand, vermiculite)adsorption, collected in dry, clean, covered container, sealed keeping, waiting for disposition. Air sprayering after cleaning.

PART SEVEN:DISPOSAL AND STORAGE OPERATIONS

DISPOSAL OPERATION :

Operators should be trained strictly by the rules and obey the rules. We Suggest the operator should wear protective clothing, avoid the eyes, skin contact and inhalation. Far away from fire, hot edge, workplace, no smoking. Avoid contact with oxidants and food chemicals. And the same time should fix appropriate fire hydrant and emergency disclosure for leaking.

STORED METHODS;

Stored in cool, ventilated warehouse, away from fire, hot edge, the container should be sealed with the oxidant. The oxidant should be stored separately with food chemicals. Storage area is equipped for fire safety equipment, emergency disclosure for leaking and host material.

PART EIGHT:EXPOSURE CONTROL/PERSONAL PROTECTION

MAXIMUM ALLOWABLE CONCENTRATION:Non-standard

MONITORING: No

ENGINEERING CONTROL: While working should open ventilation systems or

equipment. And company should provide safety shower and eye wash equipment.

RESPIRATORY PROTECTION: If necessary, please wear protective covering.

EYE PROTECTION: Wear chemical safety glasses

PHYSICAL PROTECTION: Wear protective clothing

HAND PROTECTION: Wear safety gloves.

OTHER PROTECTION: Working site forbid smoking, eating and drinking. And have a showering after work.

PART NINE:PHYSICAL AND CHEMICAL CHARACTERISTICS.

APPERANCE AND CHARACTER :Colorless, transparent liquid with light smell.

PH NUMERICAL VALUE: No meaning

FLASH POINT:>90C **OPPOSITE CONCENTRATION;(WATER=1)** No data

DELIQUESCENT: Non-dissolve with water, non-mixed with ethanol and acet.

PART TEN: STABILITY AND REACTIVITY

STABILITY: With stability at room temperature and atmospheric pressure.

AVOID CONTACT WITH SUBSTANCES :Strong oxidizers.

POLYMERIZATION HAZARD : The non-aggregate.

PART ELEVEN:TOXICOLOGY DATD

ACUTE TO XICITY :None

IRRITATION: Slightly irritating to eyes and skin

PART TWELVE: ECOLOGICAL INFORMATION

ECO TOXICITY: No datum

BIODEGRADABLE: No datum

NON-BIODEGRADABLE: No datum

PART THIRTEEN:WASTE DISPOSAL

WASTE CHARACTERISTICS: Does not belong to hazardous waste.

WASTE DISPOSAL METHPD:

Should read the relevant provisions of local environment before disposal. It is best disposal by relevant department,



PART FOURTEEN: TRANSPORT INFORMATION

DANGEROUS GOODS LABEL: /

UN NUMBER: /

PACKAGING FLAG: /

PACKAGING TYPE: /

PART FIFTEEN: REGULATORY INFORMATION

This product is not included in GB 12268-2005(List of dangerous goods).

PART SIXTEEN: OTHER INFORMATION

DATE OF FILLING: Nov, 1st, 2010

GUIDANCE DEPARTMENT: Testing Center of Shanghai Research Institute Of Chemical

Tel: 0086-21-52800971/52807275/52811034

EDIT DESCRIPTION: NON

OTHER INFORMATION: The data center in accordance with my GB16483-2000(MSDS prepared by the provision)the equivalent use(ISO 11014-1:1994)Standards. The MSDS is written according to the center of current knowledge. People must be based on MSDS or product for use in the request. And the safe operating procedures be made according to the actual situation. And the same time must assume this responsibility to comply with laws and regulations.

THE END