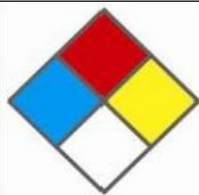




MSDS
www.msds-online.com.cn
安建检测



Material Safety Data Sheet

HYDRAULIC OIL
According to Regulation(EC)No.1907/2006(REACH)
MSDS No. :AJT100412011E

1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Product Name: 30# Densification Hydraulic oil
Product Use: Vehicles, machinery and other equipment

EC market placer

Company/undertaking identification:

Company Name: SHANGHAI HAILIAN PETROCHEMICAL CO.,LTD
Address: ROOM C601,No1356XINGYUAN ROAD WEIEAD BUSINESS PARK MINGHANG
SHANGHAI,CHINA
Tel: 0086-21-34091055
Emergency Telephone: 13806728036

2.HAZARDS IDENTIFICATION

Classification: Not classified as hazardous or dangerous according to EC regulation.

Health Hazards: Not expected to be a health hazard when used under normal conditions. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities.

Signs and Symptoms: Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.

Safety Hazards: Not classified as flammable but will burn.

Environmental Hazards: Not classified as dangerous for the environment.

This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

3.COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Preparation

Ingredients Name	Content/%	CAS NO.	EC NO.	RISK PHRASES& CLASSIFICATION
------------------	-----------	---------	--------	------------------------------

I suedae2023-03-12

Page 1 of 7

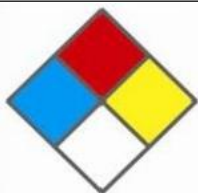
SHANGHAI HAILIAN PETROCHEMICAL CO., LTD
Address:ROOM C601,No1356XINGYUAN ROAD WEIEAD BUSINESS PARK MINGHANG
SHANGHAI, CHINA
0086-21-34091055



MSDS

www.msds-online.com.cn

安建检测



Material Safety Data Sheet

HYDRAULIC OIL
According to Regulation(EC)No.1907/2006(REACH)
MSDS No.:AJT100412011E

Highly refined mineral oils (The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.)	>99	mixture	mixture	
None toxic additives	<1	mixture	mixture	

Note: See Section 8 of MSDS for exposure limit data for these ingredients. Full text of risk phrases appearing in section 3: see section 16.

4. FIRST AID MEASURES

General Information: Not expected to be a health hazard when used under normal conditions.

Inhalation: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

Skin Contact: Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.
If persistent irritation occurs, obtain medical attention.

Eye Contact: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

Ingestion: In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.

Advice to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

Suitable Extinguishing Media: Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing Media: Do not use water in a jet.

Protective Equipment for Firefighters: Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

Issue date: 2023-03-12

Page 2 of 7

SHANGHAI HAILIAN PETROCHEMICAL CO., LTD

Address: ROOM C601, No. 1356 XINGYUAN ROAD WEI EAD BUSINESS PARK MINGHANG

SHANGHAI, CHINA

0086-21-34091055



Material Safety Data Sheet

HYDRAULIC OIL
According to Regulation (EC) No. 1907/2006 (REACH)
MSDS No. : AJT100412011E

6. ACCIDENTAL RELEASE MEASURES

Protective measures: Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Clean Up Methods: Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

Additional Advice: Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Handling: Avoid prolonged or repeated contact with skin. Avoid inhaling vapor and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment used.

Storage: Keep container tightly closed and in a cool, well ventilated place. Use properly labeled and closable containers.

Storage Temperature: 0-50°C.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Controls: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.

Personal Protective Equipment: Personal protective equipment (PPE) should meet recommended national standards. Check with PPE supplier.

Respiratory Protection: No respiratory protection is ordinarily required under normal conditions of use.

Hand Protection: Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g.

Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves.

Eye Protection: Wear safety glasses or full face shield if splashes are likely to occur. Approved to EU Standard EN166.

Protective Clothing: Skin protection not ordinarily required beyond standard issue work clothes.

Monitoring Methods: Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.

Issue date: 2023-03-12

Page 3 of 7

SHANGHAI HAILIAN PETROCHEMICAL CO., LTD

Address: ROOM C601, No1356 XINGYUAN ROAD WEI EAD BUSINESS PARK MINGHANG

SHANGHAI, CHINA

0086-21-34091055



Material Safety Data Sheet

HYDRAULIC OIL
According to Regulation(EC)No.1907/2006(REACH)
MSDS No.:AJT100412011E

Environmental Exposure: Minimize release to the environment. An environmental Controls assessment must be made to ensure compliance with local environmental legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown Liquid.

Odor: Slight hydrocarbon.

PH: Not applicable.

Initial Boiling Point and Boiling Range: >280 iC estimated value(s)

Flash point: ~200 iC(open cup)

Upper/lower Flammability or Explosion limits: Typical1-10%(V)(Based on mineral oil)

Auto-ignition temperature: >320iC

Vapor pressure: <0,5Paat 20 iC(estimated value(s))

Density: 850~900 kg/m³at 15iC

Water solubility: Negligible.

N-octane/water partition coefficient (log Pow): >6(based on information on similar products)

Vapor density (air= 1): >1(estimated value(s))

Evaporation rate(nBuAc=1): Data not available

10.STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extremes of temperature and direct sunlight.

Materials to Avoid:Strong oxidizing agents.

Hazardous Decomposition Products: Hazardous decomposition products are not expected to form during normal storage.

11.TOXICOLOGICAL INFORMATION

Basis for Assessment: Information given is based on data on the components and the toxicology of similar products.

Acute Oral Toxicity: Expected to be of low toxicity: LD50>5000 mg/kg,Rat

Acute Dermal Toxicity::Expected to be of low toxicity:LD50>5000 mg/kg,Rabbit

Acute Inhalation Toxicity:: Not considered to be an inhalation hazard under normal conditions of use.

Skin Irritation: Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Issue date:2023-03-12

Page 4 of 7

SHANGHAI HAILIAN PETROCHEMICAL CO., LTD

Address: ROOM C601, No1356XINGYUAN ROAD WEIEAD BUSINESS PARK MINGHANG

SHANGHAI, CHINA

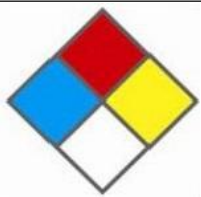
0086-21-34091055



MSDS

www.msds-online.com.cn

安建检测



Material Safety Data Sheet

HYDRAULIC OIL

According to Regulation(EC)No.1907/2006(REACH)

MSDS No.:AJT100412011E

Eye Irritation: Expected to be slightly irritating.

Respiratory Irritation: Inhalation of vapors or mists may cause irritation.

Sensitization: Not expected to be a skin sensitizer.

Repeated Dose Toxicity: Not expected to be a hazard.

Mutagenicity: Not considered a mutagenic hazard.

Carcinogenicity:Product contains mineral oils of types shown to be noncarcinogenic in animal skin-painting studies.

Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer(IARC). Other components are not known to be associated with carcinogenic effects.

Reproductive and Developmental Toxicity:Not expected to be a hazard.

Additional Information: Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible.

12.ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity: Poorly soluble mixture. May cause physical fouling of aquatic organisms. Expected to be practically non toxic: LL/EL/IL50>100 mg/l(to aquatic organisms)(LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract). Mineral oil is not expected to cause any chronic effects to aquatic organisms at concentrations less than 1 mg/l.

Mobility: Liquid under most environmental conditions. Floats on water.If it enters soil, it will adsorb to soil particles and will not be mobile.

Persistence/degradability: Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

Bioaccumulation: Contains components with the potential to bioaccumulate.

Other Adverse Effects: Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13.DISPOSAL CONSIDERATIONS

Material Disposal: Recover or recycle if possible.It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in

Issue date:2023-03-12

Page 5 of 7

SHANGHAI HAILIAN PETROCHEMICAL CO.,LTD

Address:ROOM C601,No1356XINGYUAN ROAD WEIHEAD BUSINESS PARK MINGHANG
SHANGHAI, CHINA

0086-21-34091055



Material Safety Data Sheet

HYDRAULIC OIL
According to Regulation(EC)No.1907/2006(REACH)
MSDS No.:AJT100412011E

compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

Container Disposal: Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

Local Legislation: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

EU Waste Disposal Code(EWC): 130205 mineral-based no chlorinated engine, gear and lubricating oils. Classification of waste is always the responsibility of the end user.

14. TRANSPORT INFORMATION

Land transport(ADR/RID/GGVSE):

Class: Not classified as dangerous goods
Classification Code: N/A
UN-No.: N/A
Packing group: N/A
Hazard label: N/A
Proper Shipping Name: N/A

Sea transport(IMDG-Code/GGVSee):

Class: Not classified as dangerous goods
UN-No.: N/A
Packing group: N/A
Proper Shipping Name: N/A
Marine Pollutant: No

Air transport(ICA0-IATA/DGR):

Class: Not classified as dangerous goods
UN-No.: N/A
Packing group: N/A
Proper Shipping Name: N/A

15. REGULATORY INFORMATION

European Labeling in Accordance with EC Directives

The preparation is not dangerous according to EU regulation.

I suedate2023-03-12

Page 6 of7

SHANGHAI HAILIAN PETROCHEMICAL CO., LTD

Address:ROOM C601, No1356XINGYUAN ROAD WEI EAD BUSINESS PARK MINGHANG
SHANGHAI, CHINA

0086-21-34091055



Material Safety Data Sheet

HYDRAULIC OIL
According to Regulation(EC)No.1907/2006(REACH)
MSDS No.:AJT100412011E

EC Symbols: No Hazard Symbol required.

Risk Phrases:-

Safety Phrases:-

Water Pollution Class: WGK 1-low hazard to waters(appendix 4, VwVwS, preparations).

16.OTHER INFORMATION

Risk phrases in section 3:

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

END OF MSDS

Issue date:2023-03-12

Page 7 of 7

SHANGHAI HAILIAN PETROCHEMICAL CO., LTD
Address: ROOM C601, No1356XINGYUAN ROAD WEIEAD BUSINESS PARK MINGHANG
SHANGHAI, CHINA
0086-21-34091055