

Material Safety Data Sheet

MSDS NO.: DF.003

Issue: 17.04.2014

1 . Chemical and corporate identity

product

Product name: Gasoline engine oil and diesel engine oil

Product introduction: Base oil and additives

Recommended use: Mainly used in the friction part of the machine for lubrication, cooling and sealing.

Company Information

supplier: Jiangsu Eastern Energy Co., Ltd.

address: No. 8, Lianqin Road, Baxu Town, Jingjiang City, Jiangsu Province

Postcode: 214500

24-hour emergency call: (+86)0532-83889090 (Chemical Registration Center of the State Administration of Work Safety)

Company emergency number: 0523-84637288

2 . Risk overview

Health hazards: Acute inhalation can cause fatigue, dizziness, headache, and nausea, and severe cases can cause oily pneumonia. Slow connection

Contact with oily aene and contact dermatitis may occur in the exposed area. Can cause neurasthenia syndrome, respiratory tract

And eye irritation and chronic oily pneumonia. There are reports that workers who come into contact with petroleum lubricants have caused

Case report of cancer .

Explosion hazard: This product is combustible and irritating.

Environmental hazards: Harmful to the environment, and can cause pollution to water bodies and the atmosphere.

3 . Ingredients/composition information

Recipe description: Base oil and additives.

Composition:

name	CAS Registry Number	concentration
CH Alkane mixture	—	100%

4 . first-aid

Inhalation: Quickly leave the scene to a place with fresh air. Keep the airway open. If breathing is difficult, give oxygen.

If breathing stops, give artificial respiration immediately. Seek medical attention.

Skin contact: Remove contaminated clothing. Rinse exposed areas with water and wash with soap (if available). Such as

If the irritation persists, seek medical attention.

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Eye contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.

deavour: Drink enough warm water to induce vomiting. Seek medical attention.

5 . Fire-fighting measures

Flash point: Greater than 200 °C

Extinguishing media

Appropriate extinguishing media: Use fire-fighting water spray, foam, dry chemical agents (dry powder), carbon dioxide, and sand to extinguish the fire.

Fire fighting

Fire instructions: Evacuate the area. Prevent fire control or diluted effluent from flowing into rivers, sewers or drinking water source. Firefighters must wear gas masks and full-body firefighting suits to put out the fire in the upwind direction. As much as possible Move the container from the fire scene to an open place. Spray water to keep the fire container cool until the end of the fire. Place If the container in the fire scene has changed color or produces sound from the safety relief device, it must be removed immediately from.

Special hazards caused by chemicals

Dangerous characteristics: It is combustible in case of open flame and high heat.

Hazardous combustion products: carbon monoxide, carbon dioxide.

6 . Leakage emergency treatment

Notification procedure

In the event of an accidental spill or leakage, the relevant authorities should be notified in accordance with all applicable regulations.

Leak handling:

Quickly evacuate personnel from the contaminated area to a safe area, isolate them, and strictly restrict access. Cut off the fire source. Suggest emergency The handlers wear self-contained positive pressure respirators and anti-virus suits. Cut off the source of leakage as much as possible. Prevent from flowing into sewers, flood drains, etc. Restricted space.

Small amount of leakage: Use sand or other non-combustible materials to absorb or absorb.

A large number of leaks: construct dikes or dig pits for storage. Use pump to transfer to tanker or special collector, recycle or transport to waste disposal site

Disposed of.

7 . Handling and storage

General precautions: If there is a risk of inhaling steam, spray or smoke, use a local exhaust ventilation system. For defense

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In the event of a fire, any wiping cloth or cleaning material contaminated by it should be properly disposed of.

Including the information contained in this information sheet into the risk assessment of local conditions will help the handling, storage and disposal of this product
Develop an effective control system.

Precautions for safe operation: Airtight operation, pay attention to ventilation. Operators must be specially trained and strictly abide by the operation

Procedures. It is recommended that operators wear self-priming filter gas masks (half masks) and chemical
Safety glasses, anti-poison penetration work clothes, and rubber oil-resistant gloves. Stay away from fire,
Heat source, smoking is strictly prohibited in the workplace. Use explosion-proof ventilation systems and equipment. Prevent steaming
Gas leaks into the workplace air. Avoid contact with oxidants. Load and unload lightly when handling,
Prevent damage to packaging and containers. Equipped with corresponding types and quantities of fire-fighting equipment and leakage emergency
Processing equipment. Empty containers may be harmful residues.

Safe storage conditions: Keep container tightly closed in a cool, well-ventilated place. Use proper labeling and sealable
Closed container.

8 . Exposure control/personal protection

Personal protective measures: Personal protective equipment (PPE) should meet the recommended national standards.

Respiratory protection: When the concentration in the air exceeds the standard, a self-priming filter gas mask (half mask) must be worn.
During emergency rescue or evacuation, air respirators should be worn.

Hand protection: Wear rubber and oil resistant gloves.

Eye protection: If splashing may occur, please wear safety goggles or a full face mask.

Body protection: Generally speaking, no special skin protection measures are required except for ordinary work clothes.

9. Stability and reactivity

Chemical stability: stable.

Possible dangerous reactions: No data available for reference.

Conditions to avoid: Extreme temperature and direct sunlight.

Incompatible substances: Strong oxidants.

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Hazardous decomposition products: Under normal storage conditions, hazardous decomposition products will not be formed.

10. Ecological information

Evaluation basis: There is no specific ecotoxicological data for this product.

Acute toxicity: Poorly soluble mixture. May cause aquatic organisms to emit foul smell.
Expected to be practically non-toxic.

fluidity:	Liquid under most environmental conditions. Floating on the water. If it enters the soil, it will be absorbed by soil particles and cannot flow.
Persistence/degradability:	It is not expected to be easily biodegradable. The main components are expected to have inherent biodegradability, But this product also contains some components that may persist in the environment.
Potential bioaccumulation:	Contains components with the potential for bioaccumulation.
Other adverse reactions:	The product is a mixture of non-volatile components and is not expected to be discharged into the air in large quantities. The possibility of ozone depletion, photochemical ozone formation or global warming is not expected.

11. Disposal

Chemical product disposal:	Should be recovered or recycled as much as possible. Identify the toxicity and physical properties of the materials produced in order to formulate compliance with relevant regulations The proper waste classification and waste disposal methods are the responsibility of the waste generator. Do not throw into the environment, drains or water courses.
Disposal of the container:	In accordance with the regulations currently in force, and wherever possible, approved waste The collector or contractor shall dispose of it.

12. Part of the shipping information

Field (according to ADR classification): Not regulated
Under the ADR regulations, this product is not rated as a dangerous goods.

International Maritime Pollutants (IMDG): Under the IMDG regulations, this product is not rated as a dangerous goods.

International Air Transport Association (specific regulations in different countries are slightly different):
Under the IATA regulations, this product is not rated as a dangerous article.

13. Regulatory Information

Regulations on the Safety Management of Dangerous Chemicals (promulgated by the State Council on February 17, 1987),

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Implementation Rules (Hua Lao Fa [1992] No. 677), Regulations on Safe Use of Chemicals in Workplaces ([1996] Ministry of Labor Issued No. 423) and other regulations, aiming at the safe use of hazardous chemicals, Corresponding regulations have been made in production, storage, transportation, loading and unloading.