

**-Product safety technical specification/MSDS**

**screw air compressor oil**

**Product and company information**

Trade name: Compressor oil  
CompTech 6KH Semi-Synthetic Compressor oil

Factory name: Jiangxi Qiansheng Compressor Co., Ltd

The telephone number is 15015299001  
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Emergency contact number: +86-769-81583101

**2. Composition and composition information**

According to the terms of OSHA, this product is not dangerous. This material safety specification provides valuable safe operation and information for users and users to use this product.

Component	CAS coding	Weight
Liquid Octyl/Butyldiphenylamine	68411-46-1	0.1-0.5%
Hydrotreated heavy paraffin distillate	64742-54-7	50-80%
Heavy Alkylate	84961-70-6	5-20%
1-octene hydrogenated homopolymer	70693-43-5	1-10%
Proprietary Additives	Mixture	1-3%
Zinc Alkyldithiophosphate	68649-42-3	0-1%

**3. Hazard identification**

According to the 67/548/EEC and revised version, this product is not dangerous.

**4. Hazard identification and terminology**

Hazard symbol (id) no  
R terms without  
S term without

## **5. First aid measures**

### First aid - eyes

If accidentally enter the eye, please rinse with plenty of water first, and seek medical treatment as soon as possible.

### First aid - skin

For skin contact, wash with plenty of water and soap.

### First aid - swallowing

Do not need to vomit, drink at least 500 millilitres of clean water.

### First aid - inhalation

Put people in the fresh air.

## **6. Fire protection measures**

Do not inhale harmful fumes (for all petroleum products) when a fire/explosion is ignited.

### Hazardous pyrolysis products

Carbon oxide

Use carbon dioxide, dry powder or foam fire extinguisher to save.

## **7. Accidental leakage protection measures**

Use dike or absorber to effectively isolate the liquid to prevent drainage, river migration and other forms of leakage. Use a dry chemical absorbent to handle small amounts of leakage. When a large amount of leakage occurs, it can be absorbed by a pump or vacuum, followed by a dry chemical absorbent, and may need to excavate contaminated soil.

## **8. Processing and storage**

Treatment: container seal. Clean after treatment. Avoid dust and ensure the carrier is clean.

Storage: keep the container clean and sealed. Stored in 1 °C to 80 °C environment.

## **9. Leakage control/labor personal protection**

The respiratory system: No/no.

Eyes: Chemical goggles and protective masks can be used when conditions are available.

Hand: Gloves may be worn to prevent chemical infiltration.

Others: When the substance may be exposed to the eye or skin, select appropriate protective measures.

## 10. Physical and chemical properties

Form oily liquid

Color yellow transparent liquid

Flash point (° C) > 200

Pour point (° C) - 35

Smell of oil

The solubility of water is insoluble

Viscosity (cSt)(40 ° C) 35 to 37

PH value: no data

Saturated vapor pressure: < 0.01 mmHg @ 37.8 °C (100 °F) relative vapor:  
(= 1) : air > 1

Specific gravity: 0.85-0.85 @ 0.9 °C (60.1 °F) / 15.6 °C (60.1 °F)

Dissolved: soluble in hydrocarbons, insoluble in water

## 11. Stability and reactivity

Stability stabilisation

Reactivity avoids contact with strong oxidants.

Decompose product monomers (if decomposed) when overheated; Oil vapor

## 12. Toxicological information

Acute toxicity:

Ocular stimulation: the stimulation of rabbits' eyes during 24 hours of exposure stimulation was 3.0-4.0/110

Skin irritation: in 24 hours of exposure, the rabbits' primary stimulus index was 0.1-0.2/8.0 allergic reaction: the product was tested in mice without causing skin irritation.

Acute skin toxicity: LD50:>5g/kg (rabbit)

Acute oral toxicity: LD50:>5g/kg (mouse)

Acute inhalation toxicity: an assessment of acute inhalation toxicity based on data of similar materials or products. Genetic toxicity: this product will have a certain effect on heredity under the following analysis conditions.

Additional toxicological information:

The basic oils contained in this product may be derived from various processes including precise solvent extraction, hydrocracking and hydrogenation treatment. No cancer risk warning is required according to the occupational safety and health department standard. These oils are not included in the national toxicology program (NTP) annual report has not been listed as the international agency for research on cancer (IARC) carcinogens can be carcinogenic to humans in Group1 Group2A or Group2B. Has not been listed as meeting the United States government industrial hygiene certificate (ACGIH) : confirmed human carcinogen (A1), suspected human carcinogen

(A2), or confirm the animal carcinogen phase locked unknown can human carcinogen (A3).

### **13. Ecological information**

Liquidity:

It is absorbed by the soil, and it is not easy to flow and spread.

Sustainability/degradability:

It's not easy to biodegrade. The substance is inherently biodegradable, but it also contains some components that persist in the environment.

Bioaccumulation:

This material includes components with potential bioaccumulation.

Ecological toxicity:

Low water solubility.

When leaking, oil film can be formed on the water surface to prevent the natural circulation and transfer of water vapor in the atmosphere.

### **14. Discard**

If possible this product can be recycled, oil collection is the recycling and waste disposal of oil, and the storage and disposal of contaminated oil products should meet the relevant regulations. Contact your sales representative or local environment or health authorities to obtain approval for placing or recycling.

### **15. Transport information**

Marine: IMO classification is not limited

Marpol - Annex 111 is not limited

Highway/rail: ADR/RID classification is not limited

Airlift: IATA/ICAO classification is not limited

### **16. Control information**

Control sign no

R terms without

S term without

### **17. Control directory**

All products purchased from Jiangxi Qiansheng Compressor Co., Ltd. Are fully compliant with the Chinese government directive and comply with the requirements of all notices.

### **18.Other information**

Though by writing this document, this document is to provide reference information and advice are real and we think is right, but that does not mean all information Jiangxi Qiansheng Compressor Co., Ltd fully guarantee the integrity and accuracy. The security and applicability of the information may vary depending on the buyer's own decision and the specific intent of the product. In any case, whether express, implied or guarantee, Jiangxi Qiansheng Compressor Co., Ltd not rely on this information and the applicability of the after this material for a particular use, merchantability, or responsible for any damage that may have caused.

With the development of this product and the material, the material safety data sheet may be updated according to the character, process change or local or national regulations and instructions.