

# Material Safety Data Sheet

Issue date: 2009.6.26

## 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

GREASE,

**Intended use:**

Industry lubricate

**PR-number:**

Not yet assigned

**Company name & address:**

HANGZHOU DERUNBAO CO.,LTD

NO. 80, TIANZHU STREET ECONOMIC AREA, HANGZHOU,ZHEJIANG, China

**E-mail address of person responsible for Safety Data Sheet:**

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## 2. Hazards identification

The product is not classified as hazardous within the meaning of the valid (EU) preparation directive.

## 3. Composition / information on ingredients

**General chemical description:**

Mixture

**Base substances of preparation:**

COMPONENT	RATE	EC NO.	CLASSIFY
50BS BASIC OIL	≤ 80	NO	R8
METHYL SILICON OIL	≤ 10	NO	R8
HYDROXY STEARATE	≤ 10	NO	R22
BORATE ANTIWEAR ADDITIVE	≤ 3	NO	R22
OXIDATION INHIBITOR	≤ 0.5	NO	R22

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
None			

## 4. First aid measures

**General information:**

No risk , avoiding contact eyes.

**Inhalation:**

Let's the poisoned people leaving the pollution zone to fresh air area. Please send to the hospital if the symptom continue.

**Skin contact:**

People untie polluting material, then use soap and water clean completely until there is no chemical leftovers.

Please send to the hospital if the symptom continue.

**Eye contact:**

People must clean eyes completely under the tap or eyecup. If you feeling pain continue , please see the oculist.

**Ingestion:**

If you having eaten the oil by mistake, send to the hospital instead of causing sickness.

### 5. Fire fighting measures

**Suitable extinguishing media:**

Use foam or plenty of water fog when happen hard fire.

Use carbon dioxide, foam or water mist when happen low fire.

Use water cooling the reservoir vessel that near the exposed region.

**Extinguishing media which must not be used for safety reasons:**

Water

**Special protection equipment for firefighters:**

Wear self-contained breathing apparatus. Wear protective equipment.

**Special hazards by the product itself:**

Complete combustion cause CO<sub>2</sub>, H<sub>2</sub>O and other oxide, imperfect combustion cause CO.

### 6. Accidental release measures

**General information:**

Keep away from sources

**Personal precautions:**

1. We should control people near the area before we have not yet cleaned the area by pollution.
2. Cleaning by trainee.
3. Wearing individual protective equipment.

**Environmental precautions:**

Forbidding the waste oil inflow downcomer, river and soil, should be kept by airtight container.

**Clean-up methods:**

Cleaning by chemical ablent or burying by sand.

## 7. Handling and storage

### Handling:

It prevents dust and sundries from getting in, avoiding contact eyes, cannot be taken orally. It take a good hygiene measure and cleaning after work, especially at dining or smoking.

### Storage:

Indoor, airtight. It cannot lay the oil with inflammable and explosives.

## 8. Exposure controls / personal protection

### Components with specific control parameters for workplace:

None

### Engineering controls:

Suggest use Ordinary draft equipment

### Respiratory protection:

No specific requirement.

### Hand protection:

Cleaning after work, or wear oil-proof glove.

### Eye protection:

No specific requirement.

### Skin protection:

Cleaning at table or after work

### General protection and hygiene measures:

Wearing glove and water-proof apron which made by PVC or synthetic rubber, avoiding contact eyes, cannot be taken orally.

## 9. Physical and chemical properties

### General characteristics:

Appearance	Solid
Odor:	Odourless

### Phys./chem. properties:

Flash point	Not applicable.
Density	Not applicable.
Solubility (qualitative)	Insoluble in water.

Explosion limit lower [vol%] upper [vol%]	Not applicable. Not applicable.
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Drop point	190°C
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Penetration	355-385、265-295、220-250
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## 10. Stability and reactivity

### Conditions to avoid:

High fever, open fire and strong oxidant.

### Materials to avoid:

None

### Hazardous decomposition products:

High fever decompose hydrocarbon and various kinds organic matter.

## 11. Toxicological information

### General toxicological information:

Not remarkable dangerous effect materials.

### Inhalative toxicity:

Not remarkable dangerous effect materials.

### Skin irritation:

Not remarkable dangerous effect materials.

### Eye irritation:

Not remarkable dangerous effect materials.

### Sensitizing:

Not remarkable dangerous effect materials.

## 12. Ecological information

### Persistence and egradability:

#### Ultimate biodegradation:

The silicon oxide comes out from water if via sediment or conglutinate with sewage and silt. The oxide deteriorate in the soil. There is no harmful influence for aquatic organism. There is no bioaccumulation ability. It may remove above 90% if conglutinate with sewage and silt. There is no harmful influence for bacteria.

#### General ecological information:

None

## 13. Disposal considerations

### Product disposal:

If possibly tries waste recycling and deal with waste according local regulation.

### Disposal of uncleaned packages:

If possibly tries waste recycling and deal with waste according local regulation.

## 14. Transport information

Road transport ADR:

The law on the road traffic safety.

**Railroad transport RID:**

The law on the road traffic safety.

**Inland water transport ADN:**

The law of ship load dangerous goods.

**Marine transport IMDG:**

The law of ship load dangerous goods.

**Air transport IATA:**

Not effective material.

**15. Regulations - classification and identification****Indication of danger:**

High fever, open fire and strong oxidant.

**Contains**

See section 3.

**Risk phrases:**

None

**Safety phrases:**

All constituents list or prevent.

**Additional labeling:**

None

**National regulations/information:**

All constituents list or prevent.

The product does not require a hazard warning label in accordance with EC-directives/German regulations on dangerous substances.

**16. Other information**

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

R8 50BS BASIC OIL, METHYL SILICON OIL

R22 HYDROXY STEARATE, BORATE ANTIWEAR ADDITIVE, OXIDATION INHIBITOR

**Further information:**

The material is not the product instruction book, but is for provide the concept of the representative value. There is not guarantee, vindicating or suggestion. Industrial hygiene and safe processing by recommend is suitable basically. Each user should read this product materials first and decide whether is suitable.

