

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name RHY3532
Product Type Cylinder Oil Additives (BOB)
Manufacturer PetroChina Lubricant Company
Emergency telephone number 86-10-84990999 86-21-65459504
Fax number 86-10-84990778 86-21-65865410

Section 2 Composition/Information of Ingredient

Chemical Name	EU Classification	Approx. Wt%
Calcium Phenate, Sulfurized, high overbased	Xi; R43 R53	20-60
Calcium Long chain Alkyl benzene Sulfonate	Xi; R43	10-40
Others	Mixtuer	5-40

Section 3 Hazards Identification

Human health:	Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in skin or respiratory irritation. Eye contact might cause irritation. Respiring might cause respiratory tract irritation
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Section 4 First Aid measures

Inhalation:	If inhalation of mists, fumes or vapors causing irritation, move victim to fresh air, provide oxygen if breathing is difficult. If the symptoms persist, get medical advice.
Skin Contact:	Remove immediately contaminated clothing and adhering matter, and wash with soap and plenty of water. If irritation occurs, obtain medical advice.
Eye Contact:	Rinse with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, obtain medical advice/attention.
Ingestion:	Clean mouth with water. Obtain medical advice if a large amount has been swallowed. Do not induce vomiting.

Section 5 Fire Fight Measures

Extinguishing Media	Extinguish with dry chemical, carbon dioxide (CO ₂) or foam. Water can be used to cool and protect exposed material.
Unsuitable Firefighting Procedures	Do not use a direct stream of water. Recommend wearing self-contained breathing apparatus. Water may cause splattering.
Unusual fire & Explosion Hazards	None known

Section 6 Accidental Release Measures

Personal Precaution	Using suitable protective equipment. In case of large spillage, using suitable protective clothing, such as overall, gloves and boots in cleaning procedure. Remove contaminated clothes as soon as possible.
Environmental Precautions	Prevent spill to enter and spread to drain, water resource and soil. Contact local environment protection authorities.
Cleaning Method	Absorb with clay, sand, earth or other suitable material. Collect in a suitable container for proper disposal.

Section 7 Handling and Storage

Handling	Handle with good industrial hygiene and safety practice. If handled at elevated temperatures or with high speed mechanical equipment, vapors or mists might be released and require a well ventilated workplace. Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Ground all handling equipment to prevent sparking.
Storage	Store at ambient temperature and with adequate ventilation place. Keep away from open flames and high temperatures.

Section 8 Exposure Control/Personal Protection

Control Parameter	Exposure via air and normal handling.
Personal Protection	
Respiratory protection	If the product is heated under manual handling, use suitable mask. Respirator selection, use and maintenance should be in accordance with the requirements of the specific protection Standard.
Hand protection	Wear suitable oil-resistant protective gloves if there is a risk of repeated skin contact.
Eye protection	Wear safety goggles / safe shield if splashes may occur.
Skin & body protection	Wear protective clothing if there is a risk of skin contact and change them frequently, or when contaminated.
Hygienic Measures	Act in accordance with good industrial hygiene and safety practice. Wash hand with soap and water before eating, drinking, smoking or using toilet. Wash contaminated clothing before reuse.

Section 9 Physical and Chemical Properties

Form	Viscous liquid
Color	Deep Brown
Odor	No Special Odor
Flash Point, PM	>120°C
Solubility in water	Non Soluble
Viscosity at 100°C	Report

Section 10 Stability and Reactivity

Stability	Stable at normal conditions. Avoid extreme heat and high energy sources of ignition.
Avoid	Excessive highly oxidizing agents.
Hazardous Decomposition Products	Product does not decompose at ambient temperatures.

Section 11 Toxicological Information

Acute toxicity	Studies available indicate oral and dermal LD50 s of >5 g/kg which is considered as low acute toxicity.
Inhalation	Prolonged and repeated inhalation of mist of vapor generated at elevated temperatures may irritate respiratory tract.
Oral	May cause nausea and eventually vomiting and diarrhea.
Skin contact	Prolonged or repeated exposure may lead to defecting of the skin and subsequent irritation.
Eye contact	May cause redness and transient pain.
Sensitization	Studies indicate no evidence of sensitization.

Section 12 Ecological Information

Summary	There is no ecological data for this product at present. However, some conclusion could be drawn from its properties.
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Section 13 Disposal Consideration

Residue of unused products is not regarded as hazardous waste. Dispose the residue of products/packing in accordance with local regulations. The user of material has the responsibility to determine at the time of disposal, whether the material meets the criteria of hazardous waste

Section 14 Transportation Information

The product is not classified as hazardous goods for land, sea and air transport according to the respective regulations.

Section 15 Regulatory Information

China: All components of this product are listed on the Inventory of Existing Chemical Substances in China

Other countries: None know

Section 16 Other Information

The information provided in this Safety Data Sheet is base on the data available at present, and is believed to be correct to the best of our knowledge. The information given is designed as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated.

For further information, please contact with our company.