



MATERIAL SAFETY DATA SHEET

Number: RJSSH060769MSDSEU

IDENTITY (As Used on Label and List)

Product Name: Vegetable lubricating oil

Common Name: Soybean oil

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:

SHENZHEN QIHAI CHEMICAL CO., LTD

Address:

Rm.717 Meizhou Building, No. 957 Shenhui Highway, Longgang District, Shenzhen, Guangdong, 518116, China

Emergency Telephone Number: +86-755-28839225

Fax Number for Information: +86-755-28839235

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Percent	Cas No.
Soybean oil	99.01-100%	8001-22-7

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview: Combustible liquid. While this material is not classified as hazardous under OSHA regulations, 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.

Route of entry: Inhalation, skin contact, eye contact, ingestion.

Eye: May cause eye irritation, tearing and redness.

Skin: No adverse effect.

Ingestion: No adverse effect. Large amount ingestion may cause nausea.

Inhalation: No adverse effect.

SECTION IV - FIRST AID MEASURES

Eye Contact: If contact with the eye(s), wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical attention.

Skin Contact: Wash affected area thoroughly with copious amounts of running water. If symptoms develop seek medical attention.

Inhalation: Unlikely to cause adverse effects.



Ingestion: Do NOT induce vomiting. If a large amount has been swallowed, or if symptoms develop, seek medical attention.

SECTION V - FIRE FIGHTING MEASURES

Fire Hazard Summary:

Combustible liquid.

Extinguishing Media:

Use water, water fog or foam, carbon dioxide or dry chemical to extinguish fires.

Hazardous Combustion Products:

Oxides of carbon.

Special Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Other Information:

Flash point: 318°C

Explosive limits: N/A.

Auto ignition temperature: N/A.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear appropriate personal protective equipment as specified in Section VIII.

Environmental Precautions:

This product is non-hazardous and may be discarded in accordance with applicable governmental regulations and take order with the demands of the environmental protection section.

Accidental Release Measures:

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimize skin and eye exposure. Do not dilute material but contain. Place the inert, noncombustible and absorbent material onto the spillage. Collect the material using clean non-sparking tools and place into a suitable labelled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

SECTION VII - HANDLING AND STORAGE

Handling: Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not press or expose to open flame or heat. Keep container closed and bung in place.



Storage: Store in a cool, dry, and well-ventilated area and away from sources of ignition, excessive heat and direct sunlight. Keep container closed when not in use. Store in suitable, labelled containers.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Signs and Symptoms of Exposure:

There are no significant health hazards under normal conditions of use.

Medical Conditions Generally Aggravated by Exposure: None known.

Respiratory Protection (Specify Type): N/A

Ventilation:

Local Exhaust: Yes

Mechanical (General): No

Special Other: No

Personal Protective Equipment:

Eye Protection: Generally not required. If there is a potential for exposure to vapour which could cause injury to the eye, wear chemical goggles.

Skin Protection: It does not readily penetrate the skin and do not need wear gloves in ordinary use.

Respiratory Protection: None required in normal use. Approved/certified respirators or equivalents are required if air contaminants exceed OSHA PEL.

Protective Clothing: No special protection required in ordinary use.

Additional protective measures: Wash after use and before eating, drinking or smoking.

Engineering Controls: None required in normal use.

Section IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Light yellow, transparent liquid. Vegetable oil odor.

Solubility in Water: Insoluble, floats on water.

Specific Gravity (H₂O=1): 0.922 @ 20°C

Boiling Point: 310°C

pH Value: N/A.

Vapour Pressure: N/A

Vapour Density (Air=1): N/A

Flash Point: 318°C

SECTION X - STABILITY AND REACTIVITY

Stability:

The product is considered stable under normal conditions. Self-extinguishing.

Hazardous Polymerization:

Will not occur



Materials to Avoid:

Unknown, avoid contact with reactive chemicals.

Hazardous Combustion Products:

Combustion may produce carbon dioxide and carbon monoxide.

SECTION XI - TOXICOLOGICAL INFORMATION

Believed to be safe.

Carcinogenicity (NTP) (IARC) (OSHA): Not listed as a carcinogen.

Teratogenicity and Embryotoxicity:

No human information was located.

Reproductive Toxicity:

No human or animal information was located.

Mutagenicity:

This product is not expected to be mutagenic. No human information or studies using live animals were located.

Toxicologically Synergistic Materials:

There is no information available.

SECTION XII - ECOLOGICAL INFORMATION

Environmental Toxicity:

Prevent this material entering waterways, drains and sewers. On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: If the material as supplied becomes a waste, incinerate or landfill in accordance with local, state, and federal laws and regulations. Contact your local or state environmental agency for specific rules.

Empty Container Warnings:

Empty containers may contain product residue, follow MSDS and label warnings even after they have been emptied.

SECTION XIV - TRANSPORT INFORMATION

US Department of Transportation Classification:

The product is not a DOT controlled material (United States).

International Air Transportation Association Classification:

This product is not classified as a hazardous material for transport under IATA regulations.



International Maritime Organization – IMDG:

This product is not classified as a hazardous material for transport under IMDG regulations.

UN, IMO, ADR/RID, ICAO Code:

This product is not classified as a hazardous material for conveyance under these codes.

The regulations may change from time to time. Please consult the most recent version of the relevant regulations. Follow all regulations in your country.

SECTION XV - REGULATORY INFORMATION

Product is not considered to be a hazardous chemical under the Hazard Communication Standard.

TSCA Inventory:

Status: Soybean oil is listed in TSCA Inventory.

DSL (Canada): Soybean oil is listed in DSL.

TCCL (Korea): Soybean oil is listed in TCCL.

PICCS (Philippines): Soybean oil is listed in PICCS.

For details regulations you should contact the appropriate agency in your country.

SECTION XVI - OTHER INFORMATION

According to 91/155/EEC and ISO 11014-1.

Create Data: July 31, 2006



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