

Part 1: Chemical information

Chemical Chinese name:	润滑油
Chemical English name:	lubricating oil
Chinese name2:	机油
Chinese name2:	Lube oil
Technical description code:	1279
CAS No.:	
Molecular formula:	
Molecular volume:	230-500

Part 2: Hazardous description

Healthy hazard:	If you take an acute inhalation of it, you may become lacking in strength, dizzy, headache and full of nausea, even get oleaginous pneumonia seriously. For a chronic contact person, he will be with acne oil and contact dermatitis. Furthermore, it will bring about neurasthenic syndrome, breathing tube and eye-stimulated illness as well as chronic oleaginous pneumonia. It is reported that there exists cancer cases that workers who often contact such petroleum and lubricating oil.
Environmental hazard:	
Flammable and explosive danger:	Combustive by itself

Part 3: First aid measures

Skin contact:	Take off contaminated dress, flush your skin with a large number of flowing water and see a doctor.
Eye contact:	Raise your eyelid, flush your eyes with flowing clear water and normal saline then see a doctor.
Ingestion:	Drink enough warm water, emetic and see a doctor.

Part 4: Fire fighting measures

Hazardous features:	Flammable if caught in open fire and high temperature.
Harmful production of combustion:	Carbon monoxide and carbon dioxide
Extinguishment methods:	All the fire fighters should wear gas masks and full body of fire fighting clothing and put out the fire at the upper hand. Remove the oil container from fire field to open space if possible. Keep the containers in the fire field cold by spraying water until finishing the extinguishment. We must withdraw immediately if the containers in the fire field have discoloured or produce sound from safe pressure relief device. Extinguishant: foggy water, foam, dry powders carbon dioxide and sandy soil.

Part 5: Leakage emergent response

Emergent reponse:	Personnels are withdrawn from leakage contaminated area to safety area and execute an isolation to limit entry and exit strictly. Cut out fire source and advise persons who deal with an emergency to wear self-supporting and positive pressure breathing apparatuses and gas protection clothing. Cut out the leakage source to prevent from flowing into sewers and draining floods channel or like such limited space. A small quantity of leakage: Absorbed by sandy soil or other non-flammable materials. A large quantity of leakage: Build surrounding embankments or dig holes to take in it. Transfer it to lorries or special containers and reclaim it or make a disposal by carrying it to recycling center.
-------------------	---

Part 6: Handling and storage

Operational attentions:	Be far from fire seeds and heat source,no smoking in workplace.Avoid getting in touch with oxidant.Load and discharge gently when carrying in case of damage of packaging and containers.Equip with a corresponding kind and quantity of facilities for fire fighting and leakage emergent response.
Storage attentions:	Store oil dark and cool,ventilated warehouse.Be far from fire seeds and heat source.Store it and oxidant respectively.Equip with a corresponding kind and quantity of facilities for fire fighting.There should be leakage emergent response equipments and appropriate accepting materials.

Part 7: Physical and chemical characteristics

Principal ingredients:	High boiling point,high molecular weight hydrocarbon non-hydrocarbon mixture
Appearance and characters:	Oily liquids, from light yellow to brown, no smell or abnormal flavour.
pH:	
Relative density:(水=1):	< 1
Flshpoint(°C):	208
Main application:	Used for mechanical friction,acting on lubricating,cooling and sealing.

Part 8: Disposal of garbage

Garbage's characters:	
Garbage disposal ways:	Refer to national and local code before disposal.Advise to deal with it by burning method.
Garbage attentions:	

Part 9: Transportation information

Code of dangerous goods:	No data
UN code:	No data
Package marks:	
Package categories:	Z01
Package ways:	No data
Transportation attentions:	Inspect the package whether it is integral or has been sealed before carrying and during transportation please guarantee that containers won't leak,collapse,fall,damage.Strictly forbid loading and transporting it with oxidant,eatable chemicals by mixture.Vehicles used for transportation need thorough washing and disinfection,otherwise,other goods is not permitted to ship.Package position should be far from bedrooms and kitchens,also isolated from engine room,power source and fire source when shipping by vessels.Travel as per stipulated route when transporting by road.

Part 10: Code information

Code information	Hazardous chemicals safe management regulations(Issued by State council on February 17 th 1987),implementary rules of hazard chemicals safe management regulations(花劳发 NO.677,1992),code of making use of chemicals in security at workplace(1992 ministry of labour NO.423) have accordingly stipulated usage,production,storage,transportation,loading and discharge of hazardous chemicals.
------------------	---