



SDS Safety Data Sheet

HEAVY DUTY DEGREASER

1. Chemicals and corporate identity

Product identification	FUKKOL HEAVY DUTY DEGREASER
Product number	51168
Suppliers	KALEN INTERATIONAL LTD Hongkong Kowloon New Po Kong Fong Street No. 10 new treasure Center Building 1 room 6 words
Emergency telephone	+ 852-2420 2444
Fax	+ 852-2485 1418
Manufacturer	KALEN LUBRICANTS TECHNOLOGY (HUI ZHOU) LTD.

2. Risk overview

EU standard classification	F; R11 Xn; R65 Xi; R38 R67
B 13690-92 Classification of common dangerous chemicals	Class 2.2 non-flammable liquids
Physical / chemical hazard	The material releases steam to form a combustibile mixture of gases, which can ignite or explode if ignited. The accumulation of static electricity in the substance may cause a fire to discharge.
Health hazard	Harmful: If endocytosis can cause damage to the lungs. Steam can cause drowsiness and dizziness. It may stimulate the eyes, nose, larynx, and lungs. May cause depression in the central nervous system.
Environmental hazard	It is harmful to aquatic organisms and may cause long-term adverse effects on aquatic environment.

Flame burst hazard

Combustible goods.

Danger sign



3. Composition

Ingredients	CAS #	Proportion
Organic matter	127-18-4	97.0 -99.0%
Carbon dioxide	124-38-9	1.0 - 3.0%

4. First aid measures

Inhalation

Using appropriate respiratory protective device, the patient will be transferred immediately, if the patient stops breathing, artificial respiration should be carried out, and the rest is maintained and the medical care is carried out in time.

Skin contact

Wash the place with soap and water.
Take off contaminated clothes. Contaminated clothes should be washed with soap and water and then wear.

Eye contact

To wash the eyelids, with the flow of water or saline. Seek medical assistance

Eating

If the victim is lighter, drink 2-4 cup of milk or water.
If the victim has lost consciousness, seek medical attention immediately.

5. Fire control measures

Fire Extinguisher

Use foam, dry chemical reagent (dry powder), or carbon dioxide (CO2) fire.

Hazardous combustion products

Hydrogen, chloride, some phosgene.



SDS

Safety Data Sheet

Flash point (degrees C)

Not stated.

Fire extinguishing procedure

Cut off the "fuel" source, use foam, dry powder compound fire extinguishing, pay attention to the safety of personnel.

6. Accidental overflow handling measures

High temperature of the material, to avoid fire, Mars, or natural fire, if there is no danger, it is possible to stop and then overflow. With a mop or absorbent material will overflow into the proper container for further processing. Quickly evacuate the contaminated area personnel to the safe area, and to isolate, strictly limit access. Cut off the fire source. Recommended emergency personnel wear self positive pressure respirator, wear protective clothing for firefighters. As far as possible to cut off the source of leakage, prevent access to sewers, flood channel limited space.

Small leakage

Adsorption or absorption of sand or other non combustible materials. Can also be used a lot of water washing, washing water and diluted into the wastewater system.

Large leakage

Construct a barrierpit to contain; covered with foam, reduce the Vapor Hazard. Explosion proof pump transferred to tankexclusive collector, place the disposal of recycling or shipped to the waste disposal.

7. Operation disposal

Operating notes

Closed operation, pay attention to ventilation. Operators must be trained in strict compliance with the operating rules. Stay away from fire, heat, smoking is prohibited in the workplace. Use explosion-proof ventilation system and equipment. To prevent vapor from leaking into the air in the workplace. Avoid contact with oxidizing agent. When transporting light light, to prevent damage to packaging and containers.

Mechanical equipment and tools that are prohibited from using the easy to produce sparks.

At the time of filling, we should pay attention to the velocity of flow (not more than 3m/s), and there is a grounding device to prevent the accumulation of static electricity.

Storage precautions Stored in a cool, ventilated warehouse. Away from fire and heat. The temperature in the warehouse is not more than 45. To prevent direct sunlight. Keep container seal. Should be separate from the oxidant. Storage room lighting, ventilation and other facilities should be used in explosion-proof type, switch located in the warehouse. Equipped with corresponding varieties and quantities of fire equipment. Bottled stacking is not too large, should stay away from the wall, from the top of column, and the necessary fire inspection walkway. Technical measures for fire and explosion prevention in the storage tank. Open tank to summer cooling measures.

8. Exposure control and personal protection

No data is available

Occupational exposure limit

Chemical marking symbol



Process control

Production process closed, full ventilation. Provide safe shower and eye washing equipment.

Inhalation

Respiratory system protection
Generally do not need special protection, but the working environment of the air concentration than the general situation, can be worn with a filter type gas mask (half mask).

Personal protection

The body is protected against static electricity. Hand protective wear gloves.

Its

Smoking is prohibited in the workplace.

9. Physical and chemical properties

Product status

liquid



SDS

Safety Data Sheet

Appearance and smell	Colorless transparent, slight solvent odor
The density of 20 °C, g/cm ³	1.622
Dissolve situation	Slightly soluble in water, can be mixed with organic solvents
Critical temperature (°C)	347.1
Critical pressure	9.74(MPa)

10. Stability and chemical reaction data

Stability	Stable
Risk aggregation	Will not produce
Avoid measures	Strong oxidant, acid, amine, anhydride
Material attention	No
The risk of material after decomposition	No

11. Toxicity data

Acute toxicity:		
Genuine leather LD50	Murine vein Township	40mg/kg
Inhalation LC50	4 hours (rats inhaled)	3400ppm

When skin tests are performed on animals, it is found that long-term exposure can cause skin sensitivity, but they are mild or moderate.

In contact with the product, such as the use of water wash should be no big deal, but also to try to avoid prolonged contact or inhalation of this product.

12. Ecological data

Ecological toxicity	No data display
Environmental degradation	No data display

13. Waste information



SDS

Safety Data Sheet

Waste method

The empty drum shall be recovered, regenerated or abandoned by the institution of a qualified or executing license, and be careful in any case to make sure that it is in conformity with the national laws and local regulations.

14. Transport information

Maritime name	Aerosol
Dangerous goods category	Class 2.2 non-flammable liquids
United Nations Code	UN1950
Package type	II
Label	
Hazardous substances needed to be reported	2
Special preparation for transportation	Unwanted

15. Regulation information

EU standard classification	Fuel. The classification of the product is based on all or part of the test data.
EU label	Symbol: F, Xn
Risk characteristics	R65; Harmful: if swallowed by mistake, it can cause lung damage. R67; Steam can cause drowsiness and dizziness.
Safety recommendations	S43; In case of fire, use foam, dry chemical preparation (dry powder) or carbon dioxide S9; Place the container in a well ventilated place. S16; Stay away from fire, please do not smoke. S33; Take ESD preventive measures. S36/37; Wear suitable protective clothing and gloves. S57; Use appropriate containers to avoid environmental pollution



SDS

Safety Data Sheet

S60; This material and its container must be treated with hazardous waste
S62; Do not induce vomiting after accidental ingestion: seek medical attention immediately and show the container or its logo.

16. Other information

Reference:

Change description: No

Other information: The following laws and regulations and standards have made corresponding regulations on the safe use, storage, transportation, loading and unloading, classification and marking of chemicals.:

Law Of The People's Republic Of China On Safe Production. (The tenth meeting of the standing committee of the 12th National People's Congress was adopted in Aug., 31th, 2014)

The Occupational-Disease-Prevention Law Of The People's Republic Of China. (The 24th meeting of the standing committee of the ninth National People's Congress was adopted in Oct., 27th, 2001)

Environmental Protection Law Of The People's Republic Of China. (The 11th meeting of the standing committee of the seventh National People's Congress was adopted in Dec., 26th, 1989.)

Regulations On The Safety Management Of Hazardous Chemicals. (The 44th executive meeting of the state council adopted the amendment in Feb., 16th, 2011.)

《The safety production license ordinance.》 (The 34th executive meeting of the state council adopted in Jan., 7th, 2004.)

Disclaimer.:

The content of this material safety data is taken from the source of the company's reliable sources. However, the information provided by the content of these information, the company has not included any guarantee, presentation and implied. For the operation, storage, use and disposal of this product, the environment has exceeded the scope of the company's cognition, and the company does not assume responsibility for any operation, storage, use and disposal of any operation, storage, use and disposal of the products related to this product. This material safety data is prepared for this purpose and can only be used for this product, when the product is used as a component of the other products, and can not be applied to the material safety data.

Release date: May, 1st, 2020