



SDS 安全数据表

ANTI-SEIZE COPPER COMPOUND

1. Chemicals and corporate identity

Product identification	富高铜防紧蚀膏（1100℃金牛油）FUKKOL ANTI-SEIZE COPPER COMPOUND
Product number	100081
Suppliers	KALEN INTERATIONAL LTD Rm 601, New Treasure Ctr, ,10 Ng Fong St, San Po Kong . Kln , Hong Kong.
Emergency telephone	+ 852-2420 2444
Fax	+ 852-2485 1418
Manufacturer	KALEN LUBRICANTS TECHNOLOGY(HUI ZHOU) LTD.

2. Risk overview

EU standard classification	-----
GB 13690-92 Classification of common dangerous chemicals	Not belong
Physical / chemical hazard	Combustible. The material will release the vapor to form a combustible mixture of gas, if the vapor accumulation is lit will flash fire or explosion. Electrostatic accumulation of the material may cause the discharge to fire. .
Environmental hazard	Harmful: if swallowed, it will cause damage to the lungs. Steam can cause drowsiness and dizziness. May stimulate the eyes, nose, throat and lungs. May cause depression in the central nervous system.
Health hazard	Toxic to aquatic organisms, may cause long-term adverse effects on

the aquatic environment.

Flame burst hazard

This product is flammable.

Danger sign



3. Composition

Ingredients	CAS #	Proportion
Fully synthetic base oil	83488-05-5	40.0 – 65.0%
Nano copper based thickener	-----	20.0 – 35.0%
Lubrication, high temperature, anti oxygen and other additives	-----	3.0 – 5.0%

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

This product is likely to cause serious damage to the lungs, such as pneumonia, should immediately seek medical treatment, such as vomiting, should continue to keep his head under the thigh and observe whether it is difficult to breathe.

5. Fire control measures

Fire Extinguisher

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



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(CO2) fire.

Hazardous combustion
products

Carbide, hydride, water

Not listed

Flash point (degrees C)
Fire extinguishing
procedure

Firefighters to wear a gas mask, wearing a full body fire service, in the upper hand to fire. As far as possible the containers from fire to open. Water spray to keep fire cooling container, until the end of the fire. If the containers in the fireground have discoloration or generate sound from the safety relief devices, must be immediately evacuated.

Fire extinguishing agent: foam, dry powder, carbon dioxide, sand.

6. Unexpected 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 and storage

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.

Stored in a cool, ventilated warehouse. Away from fire and heat. The temperature in the warehouse is not more than 50. 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.

Storage precautions

8. Exposure control and personal protection

Occupational exposure
limit

Temporary data display

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

Body protection Wear anti-static work clothes.
Hand protection Wear general protective gloves.

Its

Smoking is prohibited in the workplace.

9. Physical and chemical properties

Printed in CHINA.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products for which reason the information in this publication is given without responsibility.

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Product status	Semi fluid
Appearance and smell	Coppery, Slight grease odor
Specific gravity 25, g/cm3	0.917
Drop point °C	>180
Cone penetration	2#
Flash point °C (base oil)	>200
Solubility Volatile organic compounds (%) g/l: 0	Insoluble in water, soluble in organic solvents lbs./gal:0

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

1. Acute oral toxicity test (a maximum test)) : Female、Male mice LD50 Greater than 2000mg/kg, For the actual innocuity.
2. Acute inhalation toxicity test (a maximum test): Female、Male mice LC50 Greater than 5 mg/l, For the actual innocuity.



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Ecological toxicity

No data display

Environmental degradation

No data display

13. Waste information

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

Transport mode

Transport by ordinary product.

Packing method

Plastic barrels; plastic bottles; iron.

Transportation matters
needing attention

The corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment should be equipped with the corresponding variety and quantity of the transport vehicle.

The tank (tank) used in transportation should be connected with the chain, and the holes can be arranged in the groove to reduce the vibration and generate static electricity.

With no oxidant edible chemical conventional mixing luck. Transit should prevent accumulation of insolation, rain, high temperature resistant. Should stay away from the fire, heat, high temperature zone.

The vehicle exhaust pipe of the vehicle must be equipped with a fire resistance device, which prohibits the use of easy to produce sparks of machinery and equipment and tools for loading and unloading.

15. Regulation information

EU standard
classification

Combustible.
Irritation. The classification of the product is carried out



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according to the test data of the whole or part of the product.

EU label	Symbol: F, Xn
Risk characteristics	R65; harmful: If swallowing can cause lung injury. R67; Steam can cause drowsiness and dizziness. 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 S60; This material and its container must be treated with hazardous waste. S62; after eating do not induce vomiting: seek medical advice immediately and show this container or its logo.
Safety recommendations	

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.:



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