



# SDS Safety Data Sheet

## SILICONE GREASE SG - 1

### 1. Chemicals and corporate identity

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Product identification | FUKKOL SILICONE GREASE SG-1                                                                                              |
| Product number         | 100271                                                                                                                   |
| Suppliers              | KALEN INTERATIONAL LTD<br>Hongkong Kowloon New Po Kong Fong Street No. 10 new treasure<br>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<br>classification                                     | -----                                                                                                                                                                                                                                              |
| GB 13690-92<br>Classification of<br>common dangerous<br>chemicals | Not belong                                                                                                                                                                                                                                         |
| Physical / chemical<br>hazard                                     | Combustible.<br>The material will release the vapor to form a combustible mixture<br>of gas, if the vapor accumulation is lit will flash fire or<br>explosion.<br>Electrostatic accumulation of the material may cause the discharge<br>to fire. . |
| Environmental hazard                                              | Harmful: if swallowed, it will cause damage to the lungs.<br>Steam can cause drowsiness and dizziness.<br>May stimulate the eyes, nose, throat and lungs.<br>May cause depression in the central nervous system.                                   |
| Health hazard                                                     | Toxic to aquatic organisms, may cause long-term adverse effects on<br>the aquatic environment.                                                                                                                                                     |

Flame burst hazard

This product is flammable.

Danger sign



### 3. Composition

| Ingredients                              | CAS #      | Proportion   |
|------------------------------------------|------------|--------------|
| Synthetic oil                            | 83488-05-5 | 30.0 – 55.0% |
| Silicon thickener                        | ----       | 25.0 – 35.0% |
| High temperature nano anti-wear additive | ----       | 5.0 – 10.0%  |

### 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 (CO<sub>2</sub>) fire.



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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.

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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.



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|                                                           |                                                               |
|-----------------------------------------------------------|---------------------------------------------------------------|
| Product status                                            | paste                                                         |
| Appearance and smell                                      | Translucent, slightly greasy                                  |
| Specific gravity 25,<br>g/cm <sup>3</sup>                 | 0.964                                                         |
| Drop point    °C                                          | >200                                                          |
| Cone penetration                                          | 1#                                                            |
| Flash point   °C (base<br>oil)                            | >300                                                          |
| Solubility<br>Volatile organic<br>compounds (%)<br>g/l: 0 | Insoluble in water, soluble in organic solvents<br>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<br>after decomposition | No                                     |

### 11. Toxicity data

1. When skin tests were carried out on animals, it was found that if exposed for a long time, the skin would be sensitive, but it was mild or moderate. When drunk by mistake, it might lead to dysentery and vomiting. It can cause inflammation when it enters the eye.



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2. After contact with this product, if you clean with clean water, there should be no major harm, but also try to avoid long-term contact or inhalation of the product air fog.

### 12. Ecological data

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.



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### 15. Regulation information

EU standard  
classification

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

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  
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.

### 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.)



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《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.

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