



Jiangxi TaiKay New Materials Co.,LTD

MSDS-DK-106 High Boiling Silicone Fluid

一. Chemicals and Company Identity

Product Information:

English Name:DK-106 **High Boiling Silicone Fluid**

Product Code:DK-106

Product Usage:

Recommended Usage:The product is a good silicone intermediate,it can make insulator and foam stabilizer.And can make good defoamer,water-proofing additive,anti adhesive paper coating,fire fighting dry powder , other powder used to hydrophobic treatment and silicon demulsifier with polyether-grafted for dehydration of crude oil by further hydrolysis.

Restricted Usage:No Relevant Information

Company Information:

Company Name:Jiangxi Taikay New Materials Co., LTD

Address:300 meters on the east of Dongxing North Road,New Material Industrial Park,High-tech Zone,Xinyu City,Jiangxi Province.

Tel: 86-0790-6784355

Fax: 86-0790-6784399

E-mail:rd@taikay.cn

Emergency Tel:86-0790-6782828



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二. Risk Overview

Danger Signs:

Danger in Physics and Chemistry: no need to classify as available information.

Health Hazard: no need to classify as available information.

Environment Impact: no need to classify as available information.

Special Hazard: no.

GHS Risk Categories: Non hazardous substance or mixture

Tag Elements: Non hazardous substance or mixture

Cardinal Symptom: no relevant information.

Emergency Overview:

Non hazardous substance or mixture, no harmful ingredients.

三. Constituent

Form: liquid

Chemical Name: Methyl methoxy silane hybrid co-polymer

Components Information:

Chemical Composition	CAS No.	Percentage
Dimethyl Siloxane	-	≥78.0
Low-boiling-point Substance	-	≤22.0

四. Emergency Treatment



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- Suction : if suck in ,move to fresh air places,seek medical care when feel uncomfortable immediately.
- Skin Contact:clean with soap and water conservatively,seek medical care when feel uncomfortable.
- Eye Contact:clean with soap and water conservatively,seek medical care when feel discomfort occurs and continues.
- Ingestion: do not induce vomit if swallow it,seek medical care immediately when feel uncomfortable,rinse mouth thoroughly with water.

Acute or Chronic Main Side Effects and Symptoms:no relevant information.

Special Tips for Doctors:suit the remedy to the case.

五. Fire-fighting Measures

Suitable Extinguishant:foam extinguishing agent ,CO2 fire extinguishing agent,powder extinguishing agent

Special Risk:exposed to combustion products may be harmful to health.

Special Extinguishing Method:adopt suitable fire fighting measures as the contemporary condition and environment.Cool the closed container by spraying water.Remove the container not damaged to safe places and leave the spot.

Special Protective Equipments for Fire Fighters: fire fighters should be equipped with automatic breathing apparatus and use personal protective equipment when needed.

六. Leak Emergency Treatment

Preventive Measures,protective equipment and emergency handling procedures for operating personnel:

abide by safe disposal suggestion and personal protective equipment suggestion.



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Environmental Protection Measures:

prevent pouring into the environment around,take measures to avoid further leakage and overflow in safe condition ,and prevent proliferation on a large scale by enclosure method,keep and treat the washing water polluted ,you should notify the local administrative department if that doesn't work.

The absorption,elimination method and treatment materials:

Absorb the leakage with inert material,do enclosure method or adopt other suitable leak proof measurements to material diffusion,you should put the recycled materials into proper containers if can suck the blocked materials and use proper absorbent to clean the leaked materials.

The Prevention Measures to Prevent a Secondary Hazard.

Avoid again leakage in the process of elimination.

七. Handling and Storage

Operation:use personal protective equipment as required in well draught environment especially in enclosed areas and decline the contact concentration as possible as you can.Rinse thoroughly after operation.Keep away from the fire sources ,avoid to contact strong oxidizing agent.No eating and smoking in working places.



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- Storage: 1.Products should be stored in cool, dry and well ventilated environment without direct sunlight .
- 2.Be away from fire sources
 - 3.Use spark-free and ground connected ventilation system and electrical equipments to avoid fire sources themselves.
 - 4.Store in proper containers labeled with volume label and avoid damage.
 - 5.The spare containers and empty barrel should closed tightly.
 - 6.Consider equipping Leak detection and alarm system if needed.
 - 7.Limited storage and restrict personnel to enter the storage areas and label signs.
 - 8.Must apart storage areas and staff intensive working areas.
 - 9.Do defect inspection about leakage and damage regularly .
 - 10.Storage areas and the around should be equipped with instant fire fighting appliances.
 - 11.Abide by the regulations of flammable and combustible materials storage and treatment.

八. Contact Control and Individual Protection

Engineering Control Method: you should provide enough ventilation in working places and decline the contact concentration as possible as you can as the processing will make hazardous compounds.



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- Allowable Concentration:

Permissible Concentration:no relevant information

Personal Protective Equipments:

- Respiratory System Protection:no need for personal respiratory protection protective equipments as normal.

- Hand Protection:impermeable gloves

- Eye Protection:chemical safety protective glass

- Skin and Body Protection:rubber apron,flush eyes , body and shoes equipments immediately.

Other Protection:abide by normal preventive measures,change the clothes when polluted and wash hands after work.

九. Physical and Chemical Properties

Appearance and Character:colorless and light yellow liquid	Vapor Pressure:no relevant information.
Odor:no stimulating odor	Vapor Density:no relevant information
PH Value:6-7	Density:0.948 (25℃)



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Melting Point/Freezing Point:no relevant information	Solubility:insoluble in water
Boiling Point:145°C	n-octanol/water partition coefficient:no relevant information
Flash Point:50°C	Self-ignition Temperature:no relevant information
Explosion Limits:no relevant information	Decomposition Temperature:no relevant information

十. Stability and Reactivity

Stability:stable in normal conditions
Hazardous Reaction:no.
The Conditions Should Avoid:heat,fire,acid and alkali.
Incompatible Substances:avoid contacting acid ,alkali ,naked flame and direct sunlight.
Hazardous Decomposition Product:no.

十一. Toxicological Information

Acute Toxicity: Methyl Alcohol:LD ₅₀ 5628mg/kg(rats through mouth),LD ₅₀ 14200mg/kg (rabbit through mouth), LD ₅₀ 15800mg/kg (rabbit through blood vessel)
Skin Irritation or Corrosion:no relevant information
Skin Irritation or Corrosion:no relevant information
Respiratory or Skin Sensitization:no relevant information
Germ Cell Mutation:no relevant information
Carcinogenicity:no relevant information
Reproductive Toxicity:no relevant information
Specific Target Organ Systemic Toxicity-disposable Contact:no relevant information
Specific Target Organ Systemic Toxicity- repeated Contact:no relevant information



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Hazard Inhalation:no relevant information

十二. Ecology Information

Ecotoxicity:no relevant information

Durability and Degradability:no relevant information

Potential Bioaccumulation:no relevant information

Mobility on Soil:no relevant information

十三. Disposal

Disposal Methods:

Disposal Product:do follows national and local relative disposal regulations.

Polluted Package:advise recycle for spare after cleaning.or dispose as national and local relative disposal regulations.

Note:read the national and local relative disposal regulations before disposal,avoid pollution in the process.

十四. Transportation

UN No.:no relevant information

The United Nations Transport Name:no relevant information

The United Nations Risk Classification:no relevant information

Package Kind:no relevant information

Marine Pollutant(Yes/No):No

Other Information:

Transportation Signs:no relevant information

十五. Regulation Information

National Regulation Information:

Regulates chemicals from safe usage,storage,transportation,load &unload,sort , label such aspects and so on as follows:



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chemical sort,warning label and warning safety codes (GB20576-2006~GB20602-2006)
chemical sort and principles of risks on public

十六. Other Information

Revision Note:

This MSDS compiles as GB/T 16483-2008 standard;for nation hasn't issued chemical GHS catalogues,the classification of this MSDS is classified as chemicals,warning signs and note GB20576-2006~GB20602-2006 by ourselves automatically,adjust relatively after national issues chemicals GHS classification catalogue.

Data Resource:

Provided by company

Disclaimer:

This MSDS provides all information fully and truly,but we can't sure its absolute universality and accuracy.This MSDS just provided for those involved personnel acquired professional training as safety prevention data.Individuals assessed to this MSDS,must do independent judgement in special conditions.We will not bear any responsibility caused by using this MSDS in special conditions.

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