

# Safety Data Sheet (SDS)

NO.: BM-MSDS 049a

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product Name:** Silicone 193

**INCI Name:** PEG-12 Dimethicone

**Chemical Classification:** Silicone

**Recommended Product Usage:** Cosmetics

### Company Details

**Manufacturer/Supplier:** Rensin chemicals limited

**Address:** ROOA A, 16F SHUNYU BUIDLING JIAN YE  
DISTRICT NANJING CHINA

**Postal code:** 210019

**Emergency Telephone Number:** +86-25-87702966

**Telephone Number:** +86-25-87702966

**Fax Number:** +86-25-87702968

**Email:** sales@rensin-chem.com

**Issuing Date:** 2018.03.23

**Chemical Emergency:** 025-87702966

## 2. HAZARDS IDENTIFICATION

**Emergency overview** Not a hazardous substance or mixture

**Appearance:** Transparent fluid

**Colour:** Colorless to yellowish

**Odour:** Characteristic Odor

**GHS Classification:** Not a hazardous substance or mixture

**GHS Label Elements** Not a hazardous substance or mixture

**Statements Symbol:** None

**Signal Word:** None

### Precautionary Statement

**Prevention:** P261 Avoid breathing spray  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

**Physical and Chemical Hazards:** P271 Use only outdoors or in a well-ventilated area

**Health Hazards:** Not classified based on available information

**Environmental Hazards:** Not classified based on available information

**Other Hazards:** Not classified based on available information  
None known.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical characterization:** Substance

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>
PEG-12 Dimethicone	68937-54-2	> 90

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PEG-12	6790-09-6	<10
Hazardous Ingredients:	None	
4. FIRST AID MEASURES		
Eye:	Immediately flush with water.	
Skin:	No first aid should be needed.	
Inhalation:	No first aid should be needed.	
Oral:	Get medical attention.	
Comments:	Treat symptomatically.	
5. FIRE FIGHTING MEASURES		
Autoignition Temperature:	Not determined.	
Flammability limited in air:	Not determined.	
Extinguishing Media:	CO <sub>2</sub> extinguisher, dry powder, sand and water are available in small fires. Dry-powder extinguisher and bubble extinguisher are available in big fires.	
Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Determine the need to evacuate or isolate the area according to your local emergency plan.	
Unusual Fire Hazards:	None.	
<u>Hazardous Decomposition Products</u>		
Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.		
6. ACCIDENTAL RELEASE MEASURES		
When the out packing is broken, collect the product and wash it with fresh water, detergent or suitable such as alcohol is recommended.		
7. HANDLING AND STORAGE		
Handling Precautions:	Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally. Wash your hands after handling, especially before having lunch.	
Storage Condition:	Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge.	
Keep container closed and away from heat, sparks, and flame.		
8. EXPOSURE CONTROL AND PERSONAL PROTECTION		
Exposure Limits:	No exposure limits	
<u>Personal Protection</u>		
Eyes:	Not applicable	
Skin:	Not applicable	
Inhalation:	No respiratory protection should be needed.	
Suitable Gloves:	No special protection needed.	
Suitable Respirator:	None should be needed	

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**Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b>	Colorless to yellowish transparent fluid
<b>Color:</b>	Colorless to yellowish
<b>Odor:</b>	Characteristic Odor
<b>Specific Gravity (@ 25°C) :</b>	1.070-1.080
<b>Flash Point:</b>	>200°C ( Closed cup )
<b>Melting Point:</b>	Not determined
<b>Boiling Point:</b>	200°C
<b>Vapor Pressure@25°C:</b>	Not determined.
<b>Vapour Density (air=1):</b>	Not determined.
<b>Partition Coefficient(n-Octanol/Water):</b>	soluble
<b>Autoignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Flammability (Solid, Gas):</b>	Not determined
<b>PH:</b>	Not determined.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid:</b>	None.
<b>Materials to Avoid:</b>	Oxidizing material can cause a reaction.

## 11. TOXICOLOGY INFORMATION

**Sensitizing Effects:** None known.  
**Mutagenic Effects:** None known.  
**Reproductive Effects:** None known.

## 12. ECOLOGICAL INFORMATION

### Aquatic and Terrestrial Ecotoxicity

#### Ecotoxicity Effects:

**Acute:** Complete information is not available

**Chronic:** No adverse effects on aquatic organisms are predicted.

#### Fate and Effects in Waste

**Water Treatment Plants:** No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD.

#### Environmental Effects

No adverse effects on aquatic organisms are predicted.

#### Fate and Effects in Waste Water treatment plants

No adverse effects on bacteria are predicted.

## 13. DISPOSAL CONSIDERATIONS

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When a decision is made to discard this material, as received, it is not classified as a hazardous waste. No State or local laws may impose additional regulatory requirements regarding disposal.

## 14. TRANSPORT INFORMATION

**DOT Road shipment Information:** Normal transport, no subjection

**Ocean Shipment( IMDG):** Normal transport, no subjection

**Air Shipment (IATA):** Normal transport, no subjection.

## 15. REGULATORY INFORMATION

**15.1** "Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry, 1996, 20th, Dec.

**15.2** Hazard items

All components exempted.

## 16. OTHER INFORMATION

Based upon our known information and experience, these data are offered in good faith as typical values and not as product specification. We reserve the right to revise these data. No warranty and guaranty, either expressed or implied, is hereby made. The recommend industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

If you have any further question, please contact with us directly.