

**SECTION 1: Identification of the substance/mixture and of the company**

**Product Identifier**

Product Name: SiSiB® PC19696  
Chemical Name: Caprylyl Trimethicone  
CAS: 63148-62-9

**Relevant identified uses of the substance or mixture and uses advised against**

Relevant applications identified: Cosmetics

**Details of the supplier of the safety data sheet**

**Company**  
Nanjing SiSiB Silicones Co., Ltd.  
Guanghua Sci & Tech Industrial Zone,  
No. 104, Guanghua Road, Nanjing 210007, P.R.China  
Email: SDS@SiSiB.com

**Emergency Telephone Number:** +86-25-8468-0091

**SECTION 2: Hazardous identification**

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

Appearance: Transparent Fluid

Color: Colorless

Odor: Odorless

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.

P271 Use only outdoors or in a well-ventilated area

**Physical and Chemical Hazards:**

Not classified based on available information

**Health Hazards:**

Not classified based on available information

**Environmental Hazards:**

Not classified based on available information

**Other Hazards:**

None known.

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### SECTION 3: Composition/information on ingredients

**Chemical characterization:** Mixture  
**Hazardous Ingredients:** Not hazardous

### SECTION 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.

### SECTION 5: Firefighting measures

**Autoignition Temperature:** Not determined.  
**Flammability limited in air:** Not determined.  
**Extinguishing Media:** On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.  
**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.  
**Hazardous Decomposition Products**  
Formaldehyde.

### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment.

Follow safe handling advice and personal protective equipment recommendations.

**Environmental precautions:**

Discharge into the environment must be avoided.

**Containment/Clean up:**

Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Wipe up or scrape up and contain for salvage or disposal. Clean area as

appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

## SECTION 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.

## SECTION 8: Exposure Controls/Personal Protection

### Exposure Limits

No exposure limits

### Personal Protection

#### Eyes:

Use proper protection-safety glasses as a minimum.

#### Skin:

Washing at mealtime and end of shift is adequate.

#### Inhalation:

No respiratory protection should be needed.

#### Suitable Gloves:

No special protection needed.

#### Suitable Respirator:

None should be needed.

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

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Physical Form	Transparent Fluid
Color	Colorless
Odor	Odorless
Specific Gravity ( @ 25°C )	0.800~0.900
Flash point	≥100°C ( Open cup )
Melting point	Not determined
Boiling point	> 35°C/95°F
Vapor pressure ( @ 25°C )	Not determined
Vapor Density (air=1)	Not determined

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Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
pH	Not determined

## SECTION 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.

## SECTION 11: Toxicological Information

**Information on likely routes of exposure:**

Inhalation, skin contact, ingestion, eye contact.

**Acute toxicity:**

Not classified based on available information.

**Skin corrosion/irritation:**

Not classified based on available information.

**Serious eye damage/eye irritation:**

Not classified based on available information.

**Skin sensitization:**

Not classified based on available information.

**Respiratory sensitization:**

Not classified based on available information.

**Germ cell mutagenicity:**

Not classified based on available information.

**Carcinogenicity:**

Not classified based on available information.

**Reproductive toxicity:**

Not classified based on available information.

**STOT-single exposure:**

Not classified based on available information.

**STOT-repeated exposure:**

Not classified based on available information.

**Aspiration toxicity:**

Not classified based on available information.

**Product:**

No aspiration toxicity classification.

**SECTION 12: Ecological Effects**

**Aquatic and Terrestrial Ecotoxicity**

**Ecotoxicity Effects:**

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

**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**

In soil, siloxanes are degraded. No bioaccumulation potential.

Complete information is not yet available.

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

Complete information is not yet available.

**Results of PBT and vPvB assessment:** Not relevant.

**SECTION 13: Disposal considerations**

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

**SECTION 14: Transport Information**

**DOT Road shipment Information:**

Normal transport, Not subject to IATA regulations.

**Ocean Shipment (IMDG):**

Normal transport, Not subject to ADR/RID.

**Air Shipment (IATA):**

Normal transport, Not subject to IMDG code.

**SECTION 15: Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable

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Regulation (EC) No1272/2008 on classification, labeling and packaging of substances and mixtures: Not a hazardous substance or mixture

REACH-Candidate List of SVHC for authorization: Not applicable

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

## **SECTION 16:Other Information**

### **Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.