

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

### Product Identifier

Product Name: SiSiB® PC19590  
INCI Name: Cetyl PEG/PPG-10/1 Dimethicone

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

Relevant applications identified For industrial use

### 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

Chemical characterization: Substance  
Physical Form: Liquid  
Color: Colorless to light yellow  
Use: Cosmetics additive  
Hazardous Ingredients: None

## SECTION 3: Composition/information on ingredients

### Hazard Information:

Not hazardous.

### Route of Exposure:

Avoid contact with eyes. Eyes Contact and Accidental Ingestion.

### Possible Health Effects:

#### Acute

Eyes: Direct contact may cause mild irritation.  
Skin: No significant irritation expected from a single short-term exposure.  
Inhalation: Irritates respiratory passages very slightly.  
Ingestion: Low ingestion hazard in normal use.

#### Chronic

Skin: No know applicable information.  
Inhalation: No know applicable information.  
Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

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Signs and Symptoms of Overexposure: No significant adverse effects from a single exposure expected from normal use.

## SECTION 4: First aid measures

**Eyes:** Immediately flush with water for 15 minutes.

**Skin:** Immediately flush with water for 5 minutes.

**Inhalation:** Remove to fresh air.

**Ingestion:** Get medical attention.

**Comments:** Treat according to person's condition and specifics of exposure.

**Note to physicians:** Treat symptomatically.

## SECTION 5: Firefighting measures

**Flammability:**

Combustible.

**Flash point:**

248°F/120 °C (Closed Cup)

**Autoignition temperature:**

Not determined.

**Lower Flammability Limit:**

Not determined.

**Upper Flammability Limit:**

Not determined.

**Hazardous Properties:**

Not determined.

**Extinguishing Media:**

Dry chemical, carbon dioxide, alcohol foam, universal foam, water spray.

Water can be used to cool fire exposed containers.

**Special Fire Fighting Procedures and Equipment:**

Self-contained breathing apparatus and protective clothing should be worn in fight large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.

Use water spray to keep fire exposed containers cool.

**Hazardous Combustion Products:**

Silicon dioxide and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

**Unsuitable Extinguishing Media:**

None established.

## SECTION 6: Accidental release measures

### Personal Precaution:

Avoid eye contact. Avoid breathing mist. Keep container closed. Do not take internally.

### Environmental Precautions:

Do not flush to drain.

### Methods for Cleaning up:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. 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 absorbent 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

Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

### Storage Conditions

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.

### Unsuitable Packaging Materials:

None established.

## SECTION 8: Exposure Controls/Personal Protection

### Conventional protective measures:

Do not inhale gas / vapor / spray / aerosol. Avoid contact with eyes and skin.

Health measures: Implement good industrial hygiene measures, please carry out cleaning after operation, especially before eating or smoking.

### Respiratory protection:

Use a respiratory protection device unless there is sufficient local ventilation equipment or air sample data to show that the exposure level is within the recommended standard range.

"Industrial hygiene sector" can help determine whether the existing mechanical control equipment is

appropriate.

Eye protection: Use chemical safety goggles.

Hand protection: No special protection is required

Clothes requirements: Light protective clothing

**Engineering Control:**

Local ventilation equipment: Suggested use

Ordinary ventilation equipment: Suggested use

## SECTION 9: Physical and Chemical Properties

Physical Form:	Transparent liquid
Color:	Colorless to light yellow
Odor:	None
pH:	Not determined
Solubility in water:	Not determined.
Boiling Point:	>100°C
Melting Point:	Not determined.
Autoignition temperature:	Not determined.
Explosive properties:	No
Oxidizing properties:	No
Vapor Pressure @ 25°C:	Not determined.
Specific Gravity:	0.915~0.940

## SECTION 10: Stability And Reactivity

**Stability**

Stable under normal conditions.

**Reactivity**

no data available

**Materials to Avoid**

Oxidizing material can cause a reaction.

**Products**

Silicon dioxide and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

**Hazardous Polymerization:**

Hazardous polymerization will not occur

## SECTION 11: Toxicological Information

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**Acute oral toxicity:**

Oral LD50: > 5,000 mg/kg (Rat)

Dermal LD50: > 2,000 mg/kg (Rabbit)

**Skin irritation:**

No evidence of skin irritation.

**Eye irritation:**

No evidence of eye irritation.

**Sensitization:**

Non-sensitizing.

## SECTION 12: Ecological Effects

**Elimination information (persistence and degradability):**

No data available.

**Ecological notes:**

No data available.

## SECTION 13: Disposal considerations

**Product Disposal:**

Dispose of in accordance with local regulations.

**Packaging Disposal:**

Dispose of in accordance with local regulations.

## SECTION 14: Transport Information

**UN number**

ADR/RID: -

IMDG: -

IATA: -

**UN proper shipping name**

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

**Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA: -

**Packing group**

ADR/RID: -

IMDG: -

IATA: -

**Environmental hazards**

ADR/RID: no

IMDG Marine Pollutant: no

IATA: no

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**Special precautions for user**

no data available

## SECTION 15:Regulatory Information

**Applicable Laws:**

Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.

**Chemical Inventories:**

AICS: All ingredients listed or exempt.

DSL: All chemical substances in this material are included on or exempted from the DSL.

IECSC: All ingredients listed or exempt.

MITI: All components are listed on ENCS or its exempt rule.

KECL: All ingredients listed, exempt or notified.

EINECS: All ingredients listed or exempt.

PICCS: All ingredients listed or exempt.

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

## 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.