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

### Product Identifier

Product Name: SiSiB® PC19597  
Chemical Name: Lauryl PEG-9 Polydimethylsiloxylethyl Dimethicone

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

Relevant applications identified: Cosmetics, Additives

### 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

### Classification of the substance

The substance is classified as following according to Regulation (EC) No. 1272/2008:  
Not hazardous.

### Label Elements Including Precautionary

**Statements Symbol:** None

**Signal Word:** None

### Precautionary Statement:

Do not breathe dust. Use in a well ventilated area.  
IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Wear suitable protective clothing, gloves and eye/face protection.

### Other Hazard:

EU210 Safety data sheet available on request.  
H412 Harmful to aquatic life with long lasting effects.

## SECTION 3: Composition/information on ingredients

**Chemical characterization:** Mixture

### Ingredients:

| Chemical Name                                     | CAS. No. | Conc./% | CLP Classification |
|---|----------|---------|--------------------|
| Lauryl PEG-9 Polydimethylsiloxylethyl Dimethicone | /        | >90     | Not Classified     |
| Dodecene  | 112-41-4 | <10     | Not Classified     |

### Hazardous Ingredients:

|              |            |                          |
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| Chemical Name      | CAS. No. | Conc./% | CLP Classification  |
|--------------------|----------|---------|---|
| Cyclotetrasiloxane | 556-67-2 | <0.1    | Aquatic Chronic 1, H410 Repr. 2, H361f Flam. Liq. 3 ,H226 |
| Cyclopentasiloxane | 541-02-6 | <0.1    | Not Classified  |
| Cyclohexasiloxane  | 540-97-6 | <0.1    | Not Classified  |

#### SECTION 4: First aid measures

|                    |                                |
|--------------------|--------------------------------|
| <b>Eye:</b>        | Immediately flush with water.  |
| <b>Skin:</b>       | No first aid should be needed. |
| <b>Inhalation:</b> | No first aid should be needed. |
| <b>Oral:</b>       | No first aid should be needed. |
| <b>Comments:</b>   | 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**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

#### SECTION 6: Accidental release measures

**Containment/Clean up:** Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in 8 and 10. For large spills, provide diking or other 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.

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Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state, and federal laws and regulations may apply to releases and items employed in the clean up of releases. You will need to determine which federal, state and local 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

|                            |  |
|----------------------------|--|
| Physical Form:             | Colorless to yellowish transparent to translucent liquid |
| Odor:                      | Characteristic Odor                                      |
| Specific Gravity (@ 25°C): | 0.900~0.950  |
| Flash Point:               | >90°C (Closed Cup)                                       |
| Melting Point:             | Not determined.  |
| Boiling Point:             | Not determined.  |
| Vapor Pressure@25°C:       | Not determined.  |
| Vapour Density (air=1):    | Not determined.  |
| Partition Coefficient      | Not determined.  |

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(n-Octanol/Water):

Autoignition Temperature: Not determined.

Decomposition Temperature: Not determined.

Evaporation Rate: Not determined.

Flammability (Solid, Gas): Not determined.

pH: Not determined.

## SECTION 10: Stability And Reactivity

**Chemical Stability:** Stable.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None

**Materials to Avoid:** Oxidizing material can cause a reaction.

## SECTION 11: Toxicological Information

**Sensitizing Effects:** None known.

**Mutagenic Effects:** None known.

**Reproductive Effects:** None known.

## SECTION 12: Ecological Effects

### Aquatic and Terrestrial Ecotoxicity

#### Ecotoxicity Effects:

**Acute:** No known application information.

**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

## SECTION 13: Disposal considerations

### Product & Packaging disposal:

Do not dump into any sewers, on the ground, or into any body of water. This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to

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EC Directive 2008/98/EC.

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

#### 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

“Regulations of Safe Use of Chemicals in Workplace”, Ministry of Chemical Industry, 1996, 20th, Dec.

**National regulatory information.**

The components of this product are reported in the following inventories:

**REACH:** Not all ingredients are currently registered or exempt under REACH.

**TSCA:** All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**AICS:** All ingredients listed or exempt.

**IECSC:** All ingredients listed or exempt.

**ENCS/ISHL:** All components are listed on ENCS/ISHL or exempted from inventory listing.

**KECI:** All ingredients listed, exempt or notified.

**PICCS:** All ingredients listed or exempt.

**DSL:** All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

**TCSI:** All ingredients listed or exempt.

#### 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.