

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

Product Identifier

Product Name: SiSiB® PC15383
Chemical Name: Silicone Quaternium-18 (and) Laureth-3 (and) Laureth-9
Chemical Classification: Silicone Emulsion

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

Relevant applications identified Additives 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

GHS Classification: Skin corrosion/irritation: Category 2.
Serious eye damage/eye irritation: Category 1.
Appearance: Acute aquatic hazard: Category.
Color: Transparent to translucent liquid.
Odor: Colorless to yellowish characteristic odor.

GHS Label Elements Statements Symbol:



Signal Word: Danger.
Precautionary Statement Prevention: P280 Wear protective gloves/protective clothing/eye protection /face protection.
P264 Wash hands thoroughly after handling.
P243 Take precautionary measures against static discharge.
Physical and Chemical Hazards: H315 Causes skin irritation.
Health Hazards: H318 Causes serious eye damage.
Environmental Hazards: H412 Harmful to aquatic life with long lasting effects.
Other Hazards: None known.

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SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture.

Chemical Name	CAS No.	% (w/w)
Silicone Quaternium-18	/	10-15
Laureth-3	3055-94-5	2-5
Laureth-9	3055-99-0	1-3
Aqua	7732-18-5	77-87

Hazardous Ingredients: No hazardous ingredients.

SECTION 4: First aid measures

Eye: Immediately flush with water. Get medical attention.
Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Inhalation: Remove to fresh air. Get immediate medical attention.
Oral: Get medical attention.
Comments: Treat according to person's condition and specifics of exposure.

SECTION 5: Firefighting measures

Autoignition Temperature: Not determined.
Flammability limited in air: Not determined.
Extinguishing media: CO2 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.
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

Personal Precautions:

Do not get in eyes. Avoid skin contact. Do not breathe vapor, mist, dust, or fumes. Keep container closed.
Do not take internally.

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. 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 cleanup 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:

Use reasonable care and store away from oxidizing materials.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits:

No exposure limits.

Personal Protection

Eyes:

Use chemical worker's goggles.

Skin:

Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Inhalation:

Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures

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are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator:

Organic Vapor/Dust/Mist Type.

Precautionary Measures:

Personal Protective Equipment For Spills.

Avoid eye contact. Avoid skin contact. Do not breathe mist.

Keep container closed. Do not take internally.

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:	Colorless to yellowish transparent to translucent liquid.
Odor:	Characteristic Odor.
Specific Gravity (@ 25°C):	0.970-1.010.
Flash Point:	>90°C (Closed Cup).
Melting Point:	Not determined.
Boiling Point:	> 35°C /95°F.
Vapor pressure (@ 25°C):	Not determined.
Vapor Density (air = 1):	Not determined.
Partition coefficient (n-octanol/wate):	Soluble.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Evaporation rate:	Not determined.
Flammability (solid, gas):	Not applicable.
pH:	Not determined.

SECTION 10: Stability And Reactivity

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to avoid:	None known.
Materials to Avoid:	Oxidizing material can cause a reaction.

SECTION 11: Toxicological Information

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Route of Exposure:	Inhalation, skin contact and accidental ingestion.
Signs and Symptoms of Overexposure:	Causes serious eye damage and skin irritation.
Acute Toxicity:	Complete information is not available.
Eyes:	May cause irreversible damage and burns to the eyes.
Skin:	May cause moderate irritation.
Ingestion:	May cause irritation to the mouth, throat and stomach.
Inhalation:	Vapor and/or mist irritating to the respiratory tract.
Chronic Toxicity	
Skin:	Repeated or prolonged exposure may irritate seriously.
Ingestion:	Repeated ingestion or swallowing large amounts may injure internally.
Inhalation:	Prolonged or repeated exposure by inhalation may injure internally.
Special Hazards:	Complete information is not available.

SECTION 12: Ecological Effects

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.
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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.

SECTION 13: Disposal considerations

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. For unused & uncontaminated product, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

Treatment and disposal methods of used packaging: Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

SECTION 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.

SECTION 15:Regulatory Information

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.

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

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.