

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

Product Identifier

Product Name: SiSiB® PC19825

Chemical Name: DIPHENYLSILOXY PHENYL TRIMETHICONE

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

Classification of the substance or mixture:

Classification of the substance:

According to REGULATION (EC) No 1272/2008, based on available data, the classification criteria are not met:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
Not classified	N/A

Label elements:

Hazard pictogram(s): No hazard pictogram is used.

Signal word: No signal word is used.

Hazard statement(s): Not applicable.

Precautionary statement(s): Not applicable.

Supplemental Hazard information (EU) Not applicable.

Other hazards:

The substance is not PBT / vPvB.

The substance is not identified as having endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

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Substance/Mixture: Substance

Ingredient(s):

Chemical Name	Registration No.	INCI name	CAS No.	Concentration	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
DIPHENYLSILOXY PHENYL TRIMETHICONE	N/A	DIPHENYLSILOXY PHENYL TRIMETHICONE	352230-22-9	≥99%	N/A

SECTION 4: First aid measures

Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

In case of inhalation:

Move to fresh air. After inhalation of aerosol/mist seek medical advice immediately.

In case of skin contact:

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention promptly if symptoms occur after washing.

In case of eyes contact:

Rinse the eye with water immediately. Get medical attention if symptoms occur.

In case of ingestion:

If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention.

Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

SECTION 5: Firefighting measures

Extinguishing media:

Suitable extinguishing media: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

Special hazards arising from the substance or mixture

In case of fire, carbon monoxide and carbon dioxide may be formed.

Advice for firefighters:

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Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Use personal protective equipment. Provide adequate ventilation.

For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if vapour is generated.

Environmental Precautions: Do not let large amount of product enter drains.

Methods and material for Containment and Cleaning up:

Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal. Caution: Contaminated surfaces may be slippery.

Reference to other sections:

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

Precautions for safe handling:

Protective measures: Use only in well-ventilated areas. Wear appropriate personal protective equipment. Static electricity and formation of sparks must be prevented.

Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Keep away from food, drink and animal feeding stuffs.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed and in a well-ventilated place.

Specific end use(s):

Not applicable.

SECTION 8: Exposure Controls/Personal Protection

Control parameters:

Occupational exposure limits:

Not available.

Additional exposure limits under the conditions of use:

Not available.

DNEL/DMEL and PNEC-Values: Not available.

Not available.

Exposure controls:

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Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment:

Eye/face protection:

Safety glasses with side-shields conforming to EN166.

Skin protection

Hand protection:

There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Body protection:

Wear suitable protective clothing.

Respiratory protection:

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Thermal hazards:

Wear suitable protective clothing to prevent heat.

Environmental exposure controls:

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	liquid
Color	colorless transparent
Odor	Odourless
Odor Threshold	no data available
pH	no data available
Melting point/range	no data available
Freezing point	no data available
Boiling point	268-342°C
Flash point	open cup > 130 °C
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor pressure	no data available
Relative Vapor Density	no data available

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Relative density	0.995g/cm ³
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity, dynamic (mPa.s)	10-20 cSt (25°C)
Explosive properties	no data available
Oxidizing properties	no data available
Molecular Formula	no data available
Molecular Weight	no data available
Other information	
Fat solubility(solvent-oil to be specified)	no data available
etc:	
Surface tension	no data available
Dissociation constant in water(pKa)	no data available
Oxidation-reduction Potential	no data available
Refractive index	1.490-1.500
D4	<0.1%
D5	<0.1%
D6	<0.1%

SECTION 10: Stability And Reactivity

Reactivity:

The substance is stable under normal storage and handling conditions.

Chemical stability:

Stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions:

No dangerous reactions known.

Conditions to avoid:

Incompatible materials.

Incompatible materials:

Strong Acids, Strong Bases.

Hazardous decomposition products:

Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological Information

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Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity:

LD50(Oral, Rat): >= 2 000 mg/kg bw

LC50(Inhalation, Rat): Not available

LD50(Dermal, Rat): Not available

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Information on other hazards

Endocrine disrupting properties: The substance is not identified as having endocrine disrupting properties.

Other information: Not applicable

SECTION 12: Ecological Effects

Toxicity:

Acute (short-term) toxicity:

LC50(96h, Fish): Not available

EC50(48h, Crustacea): Not available

EC50(72h, Algae/aquatic plants): > 2.2 µg/L

Chronic (long-term) toxicity:

NOEC(Fish): >= 4.4 µg/L

NOEC(Crustacea): >= 4.9 µg/L

NOEC(Algae/aquatic plants): >= 2.2 µg/L

Persistence and degradability: Under test conditions no biodegradation observed

Bioaccumulative potential: Not available

Mobility in soil: Not available

Results of PBT and vPvB assessment: The substance is not PBT / vPvB.

Endocrine disrupting properties: The substance is not identified as having endocrine disrupting properties.

Other adverse effects: Not available.

Additional information Not available.

SECTION 13: Disposal considerations

Waste treatment methods:

Any disposal practice must be in compliance with all local and national laws and regulations. Do not dump into any sewers, on the ground, or into any body of water.

SECTION 14: Transport Information

Classification for ROAD and Rail transport (ADR/RID):

UN number

Not applicable

UN proper shipping name

Not regulated for transport

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Not considered environmentally hazardous based on available data.

Special precautions for user

No data available

Classification for SEA transport (IMO-IMDG):

UN number

Not applicable

UN proper shipping name

Not regulated for transport

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Not considered as marine pollutant based on available data.

Special precautions for user

No data available.

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Consult IMO regulations before transporting ocean bulk

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Classification for AIR transport (IATA/ICAO):

UN number

Not applicable

UN proper shipping name

Not regulated for transport

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Not applicable

Special precautions for user

No data available.

Further information:

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15:Regulatory Information

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

Relevant information regarding authorization: Not applicable

Relevant information regarding restriction: Not applicable

Other EU regulations:

Employment restrictions concerning young person must be observed.

For use only by technically qualified individuals.

Other National regulations:

Not applicable

Chemical safety assessment

NO

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

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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.