

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

Product Identifier

Product Name: SiSiB® PC19781

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

Relevant applications identified For cosmetics 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

Emergency Overview

Ingestion and entry into the respiratory tract can be fatal. May cause long lasting harmful effects on aquatic life.

GHS Hazard Class

Inhalation hazard (Class 1), H304

Long-term aquatic hazards (Class 4), H413

GHS label elements



Pictograms:

Signal word: Danger

Hazard statement:

H304 may be fatal if swallowed and entered the respiratory tract.

H413 may cause long-lasting harmful effects on aquatic organisms.

Precautionary statements:

P233 Keep container airtight.

P280 Wear protective gloves/protective clothing/protective eye mask/protective mask.

P273 Avoid release into the environment.

Incident Response:

P301+P310 If swallowed by mistake: Call the emergency center/doctor immediately.

P331 should not induce vomiting.

Safe storage:

P405 Store locked.

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

Physical and chemical hazards

no data

Health Hazards

May be fatal if swallowed and enters airways.

Environmental Hazards

May cause long lasting harmful effects to aquatic life.

Other hazards

no data

SECTION 3: Composition/information on ingredients

Chemical Characterization

Compound

Physical Form

Liquid

Color

Colorless and transparent

Ingredients

Chemical Name	CAS No.	% (w/w)
ISOHEXADECANE	4390-04-9	45-55
ISODODECANE	31807-55-3	40-50
DIMETHICONE	9006-65-9	4-6

Dangerous Components:

ISOHEXADECANE:

GHS Hazard Class: Inhalation hazard Class 1, H304

ISODODECANE:

GHS Hazard Class: Inhalation Hazard Category 1, H304;

Hazard to Aquatic Environment (Long-Term Hazard) Category 4, H413

SECTION 4: First aid measures

Description of first aid measures

General advice

Consult a doctor. Show this safety data sheet to the doctor on site.

If inhaled

If inhaled, remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and seek medical attention immediately.

In case of skin contact

Wash with soap and plenty of water. If unwell, consult a doctor.

In case of eye contact

Flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses after the first 1-2 minutes and continue rinsing for several minutes. In case of discomfort, consult a physician, preferably an

ophthalmologist.

If swallowed

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a doctor.

Most important symptoms and effects, both acute and delayed

No data available

Indication of any immediate medical attention and special treatment needed

No data available

Special tips for doctors

No data available

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Use carbon dioxide (CO₂), dry chemical powder, water spray or alcohol-resistant foam.

Unsuitable extinguishing media

Do not use straight water.

Special hazards arising from the substance or mixture

Exposure to combustion products (silicon oxides, carbon oxides, formaldehyde) may be a health hazard.

Advice for firefighters

In case of fire, wear self-contained breathing apparatus. Use personal protective equipment. Cool unopened containers with a water spray. Evacuation area. Collect contaminated extinguishing water separately. Do not dispose of it into drains. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Use personal protective equipment. Avoid breathing vapor, mist or gas. Ensure adequate ventilation. Evacuate personnel to a safe area. Follow safe handling recommendations and personal protective equipment recommendations.

Environmental precautions:

Take steps to prevent further leaks or spills if safe to do so. Do not allow product to enter drains. Avoid discharge into the surrounding environment.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Use suitable absorbent to clean up remaining material from spill. Large spill, provide dikes or other appropriate containment measures to prevent material from spreading. If dyke material can be pumped, store recovered material in appropriate containers. Properly dispose of saturated absorbent or cleaning materials as self-heating may occur.

Reference to other sections

See Section 13 for other disposal measures.

SECTION 7: Handling and storage

Precautions for safe handling

Handle in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire from electrostatic discharge vapors.

Conditions for safe storage, including any incompatibilities

Keep it closed. Store in a cool, well-ventilated place. Keep away from heat and sources of ignition.

SECTION 8: Exposure Controls/Personal Protection

Occupational Exposure Limits

There are no known national exposure limits.

Biological Limits

No data available

Monitoring method

No data available

Engineering Controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and risk exclusion areas.

Personal protective equipment

Respiratory protection

Respiratory protection should be worn when exposure limits or guidelines are likely to be exceeded.

Eye/face protection

Use safety glasses (with side shields). Safety glasses (with side shields) shall comply with EN 166 or equivalent.

Body Protection

Wear clean, covering clothing.

Skin protection

The selected protective gloves must comply with the specifications given in Regulation (EU) 2016/425 and the EN 374 standard derived from it.

Control of environmental exposure

Take steps to prevent further leaks or spills if safe to do so. Do not allow product to enter drains.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

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Appearance	Liquid
Color	Colorless and transparent
Odor	characteristic smell
Odor Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flash point	no data available
Evaporativity	no data available
Flammability	no data available
Combustion value	no data available
Vapor pressure	no data available
Relative vapor density	no data available
Density/Relative density	0.75-0.79 g/cm ³
Water solubility:	no data available
Surface tension	no data available
Partition coefficient n-octanol/ water	no data available
Autoignition temperature	no data available
Ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	1-3 cP
Explosive properties	no data available
Particle characteristics	no data available
Oxidizing properties	no data available
The above information is for reference only.	

SECTION 10: Stability And Reactivity

Reactivity

Not classified as a reactive hazard.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

May react with strong oxidizing agents. Vapors may form explosive mixtures with air. flammable liquid.

Conditions to avoid

Heat, flames and sparks.

Incompatibilities

Strong oxidants.

Hazardous decomposition products

Decomposition products include, but are not limited to: formaldehyde.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways.

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

May be fatal if swallowed and enters airways.

Additional Information

no data available

SECTION 12: Ecological Effects

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

no data available

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Endocrine disrupting properties

no data available

Other adverse effects

no data available

SECTION 13: Disposal considerations

Waste shall not be discharged into sewers, water bodies, and oil. Chemicals and packaging materials shall not pollute ponds, water sources, or sewers. The disposal of surplus and non recyclable waste shall be entrusted to an approved company for destruction.

Product Disposal

Dispose according to local regulations.

Packaging Disposal

Dispose according to local regulations.

SECTION 14: Transport Information

UN number

no data available

UN proper shipping name

no data available

Transport hazard class(es)

no data available

Packing group

no data available

Environmental hazards

no data available

Special precautions for user

no data available

Transport in bulk according to IMO instruments

Strong oxidant.

SECTION 15: Regulatory Information

Law of the China on the Prevention of Occupational Diseases

Classification list of occupational disease hazards: not included.

Regulations on the Safety Management of Hazardous Chemicals

Hazardous Chemicals Catalogue (2018): Not included.

Registration Measures for Environmental Management of Hazardous Chemicals

Key Environmental Management Hazardous Chemicals Catalogue (2014): Not included.

Regulations on the Administration of Narcotic Drugs and Psychotropic Substances

List of Narcotic Drugs (2013): not included.

List of psychotropic drug varieties (2013): not included.

Environmental Management Measures for New Chemical Substances

List of Existing Chemical Substances in China: Not Listed.

Other regulations

Meet the following regulatory requirements:

Regulations on the Safety Management of Hazardous Chemicals State Council Order No. 591

GB/T 16483 Chemical Safety Data Sheet Content and Project Sequence

GB/T 17519 Guidelines for the preparation of chemical safety technical specifications

GB 13690 General Rules for Classification and Hazard Disclosure of Chemicals

GB 30000.2-29 Code for classification and labeling of chemicals

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.