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

Product Identifier

Product Name: SiSiB® PC19735
 Chemical Name: CYCLOPENTASILOXANE&CYCLOHEXASILOXANE

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

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

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 mixture does not contain PBT/vPvB substance.
 The mixture does not contain endocrine disruptor.

SECTION 3: Composition/information on ingredients

Substances	Mixture			
Chemical Name	CAS No.	EC No.	Concentration	Classification
CYCLOPENTASILOXANE	541-02-6	208-764-9	55-65%	Not Classified
CYCLOHEXASILOXANE	540-97-6	208-762-8	35-40%	Not Classified

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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:

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

In case of skin contact:

Take off contaminated clothing and shoes. Wash off immediately with plenty of water. Keep warm and in a quiet place. Call a physician or poison control center immediately. Wash contaminated clothing before re-use.

In case of eyes contact:

Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

In case of ingestion:

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

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:

Dry chemical, alcohol resistant foam or carbon dioxide, water spray.

Unsuitable extinguishing media:

Water with full jet.

Special hazards arising from the substance or mixture

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

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Prevent further leakage or spillage if safe to do so. Keep away from Incompatible products.

For emergency responders:

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Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area.

Wear suitable protective clothing.

Environmental Precautions:

Should not be released into the environment. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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 equipment and materials which are compatible with the product. Keep away from Incompatible products. To avoid thermal decomposition, do not overheat. Preferably transfer by pump or gravity.

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.

Conditions for safe storage, including any incompatibilities:

Keep away from food, drink and animal feeding stuffs. 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.

Exposure controls:

Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure

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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: Wear safety glasses.

Skin protection

Hand protection: Handle with gloves.

Body protection: Wear suitable protective clothing to prevent skin exposure

Respiratory protection: No personal respiratory protective equipment normally required.

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

Form	clear, liquid
Color	colorless
Odor	no data available
Odor Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	77 °C closed cup
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure:	no data available
Vapor density:	no data available
Relative density	0.95 g/cm ³
Water solubility:	no data available
Partition coefficient: n-octanol/water	log Pow: 4,11
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	3-5 mm ² /s, 25°C
Explosive properties	no data available
Oxidizing properties	no data available
D4	Max.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.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

ATE_{mix}(oral): Not available

ATE_{mix}(inhalation): Not available

ATE_{mix}(Dermal): Not available

CYCLOTETRAILOXANE (CAS#556-67-2)

LD50(Oral, Rat): > 4800 mg/kg bw male

LC50(Inhalation, Rat): 36 mg/L 4h

LD50(Dermal, Rat): > 2.5 mL/kg bw

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.

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Other information:

Not applicable

SECTION 12: Ecological Effects

Toxicity:

CYCLOTETRAILOXANE (CAS#556-67-2)

Acute (short-term) toxicity:

LC50(96h, Fish): > 22 µg/L
EC50(48h, Crustacea): > 15 µg/L
EC50(72h, Algae/aquatic plants): Not available.

Chronic (long-term) toxicity:

NOEC(Fish): >= 4.4 µg/L
NOEC (Crustacea): >= 15 µg/L
NOEC (Algae/aquatic plants): Not available

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Results of PBT and vPvB assessment:

The mixture does not contain PBT / vPvB substance.

Endocrine disrupting properties:

The mixture does not contain endocrine disruptor.

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

UN number

ADR/RID: -

IMDG: -

IATA: -

UN proper shipping name

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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

Special precautions for user

no data available

SECTION 15:Regulatory Information

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

no data available

Other EU regulations:

Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Chemical Safety Assessment

No data available.

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.