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**SECTION 1: Identification of the substance/mixture and of the company****Product Identifier**

Product Name: SiSiB® PC9718  
Chemical Name: 1,3,5-Tris(3,3,3-trifluoropropyl)-1,3,5-trimethylcyclotrisiloxane  
CAS-No.: 2374-14-3

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

Relevant applications identified For industrial 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****Classification of the substance or mixture**

Acute toxicity (Oral) Category 3  
Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2

**Label elements**

Pictogram

Signal word

Danger

**Hazard statement(s)**

H301 Toxic if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Precautionary statement(s)**

P270 Do not eat, drink or smoke when using this product.  
P264 Wash hands and face thoroughly after handling.  
P280 Wear protective gloves, eye protection.  
P301+P310+P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
Rinse mouth.  
P302+P352+P332+P313+P362+P364 IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and

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P305+P351+P338+P337+P313 wash it before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice or attention.

### Other hazards

Results of PBT and vPvB assessment

PBT	Not applicable
vPvB	Not applicable

## SECTION 3: Composition/information on ingredients

Substance/mixture:	Substance
Components:	1,3,5-Tris(3,3,3-trifluoropropyl)-1,3,5-trimethylcyclotrisiloxane
Percent:	>98.0%(GC)
CAS RN:	2374-14-3
EC-No:	219-154-7
Chemical Formula:	C <sub>12</sub> H <sub>21</sub> F <sub>9</sub> O <sub>3</sub> Si <sub>3</sub>

## SECTION 4: First aid measures

### Description of first aid measures

#### Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### Skin contact:

Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

#### Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion:

Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

#### Protection of first-aiders:

A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

#### 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

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**SECTION 5: Firefighting measures****Suitable extinguishing media:**

Dry chemical, foam, water spray, carbon dioxide.

**Special hazards arising from the substance or mixture**

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Carbon dioxide, Carbon monoxide, Hydrogen fluoride, Silicon oxides

**Advice for firefighters**

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions:**

Prevent product from entering drains

**Methods and materials for containment and cleaning up:**

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

**Reference to other sections:**

For disposal see section 13.

**SECTION 7: Handling and storage****Precautions for safe handling:**

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a closed system if possible.

Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store locked up. Store away from incompatible materials such as oxidizing agents.

**Specific end use(s)**

No further relevant information available.

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**SECTION 8: Exposure Controls/Personal Protection****Control parameters**

No data available

**Exposure controls**

Install a closed system or local exhaust. Also install safety shower and eye bath.

**Respiratory protection:** Dust respirator, self-contained breathing apparatus (SCBA), supplied air respirator, etc. Use respirators approved under appropriate government standards and follow local and national regulations.

**Hand protection:** Impervious gloves.

**Eye protection:** Safety goggles. A face-shield, if the situation requires.

**Skin and body protection:** Impervious protective clothing. Protective boots, if the situation requires.

**SECTION 9: Physical and Chemical Properties****Information on basic physical and chemical properties**

Physical state (20°C):	Solid
Form:	Crystal - Lump
Color:	White - Almost white
Odor:	No data available
Odor threshold:	No data available
Melting point/freezing point:	23°C (Freezing point)
pH:	No data available
Boiling point/range:	135°C /2.9kPa
Flash point:	No data available (Calculated value:>60°C)
Vapor pressure:	No data available.
Decomposition temperature:	No data available
Dynamic Viscosity:	No data available
Kinematic viscosity:	No data available
Log Pow:	No data available
Evaporation rate (Butyl Acetate=1):	No data available
Autoignition temperature:	No data available
Flammability (solid, gas):	No data available
Flammability or explosive limits:	
Lower:	No data available
Upper:	No data available
Solubility(ies):	
[Water]	No data available
[Other solvents]	No data available

**SECTION 10: Stability And Reactivity****Reactivity**

no data available

**Chemical stability**

Stable under proper conditions.

**Possibility of hazardous reactions**

No special reactivity has been reported.

**Conditions to avoid**

no data available

**Incompatible materials**

Oxidizing agents

**Hazardous decomposition products**

Carbon dioxide, Carbon monoxide, Hydrogen fluoride, Silicon oxides

**SECTION 11: Toxicological Information****Acute toxicity**

ori-rat LD50:180 mg/kg

skn-rbt LD50:25400 mg/kg

**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**

skn-rbt TDLo:10500 mg/kg (21D male)

RTECS Number: GZ4818000

**SECTION 12: Ecological Effects****Ecotoxicity:**

Fish: No data available

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Crustacea: No data available

Algae: No data available

**Persistence / degradability: No data available**

Bioaccumulative potential (BCF): No data available

**Mobility in soil**

Log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law (PaM<sup>3</sup>/mol): No data available**Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

**Other adverse effects**

No data available

**SECTION 13: Disposal considerations****Waste treatment methods**

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

**SECTION 14: Transport Information**

<b>UN number</b>	2811
<b>UN proper shipping name</b>	
ADR/RID	Toxic solid, organic, n.o.s
IMDG/IMO	Toxic solid, organic, n.o.s
ICAO/IATA	Toxic solid, organic, n.o.s
<b>Transport hazard class(es)</b>	
ADR/RID	6.1: Toxic substance
IMDG/IMO	6.1: Toxic substance
ICAO/IATA	6.1: Toxic substance
<b>Packaging group</b>	
ADR/RID	III
IMDG/IMO	III
ICAO/IATA	III
<b>Environmental hazards</b>	
Marine pollutant	-
<b>Special precautions for user</b>	No data available

**SECTION 15:Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

Substance of Very High Concern (SVHC) according to the

**REACH Regulations (EC) No.1907/2006**

Not listed

**Chemical safety assessment**

A chemical safety assessment has not been carried out.

**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.