

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

Product Identifier

Product Name: SiSiB® WR1087

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

Potential health effects

Eye Severely to the eyes
Skin May cause slight irritation
Ingestion May be slight toxic based on acute animal studies. Exact effects on humans are not known.
Inhalation Not a likely route of entry. Toxic based on acute animal studies. Exact effects on humans are not known.
Primary routes of entry Eyes, Skin
Target organs Eyes, Skin

SECTION 3: Composition/information on ingredients

Physical Form Liquid/Emulsion

Color White

Components:

Chemical Name	CAS No.	%(w/w)
Lauryl alcohol polyglycol ether	9002-92-0	1~3

SECTION 4: First aid measures

General advice

Remove soiled or soaked clothing immediately.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After contact with skin

For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water for 15 min and seek medical advice.

After ingestion

Seek medical advice immediately.

Note to physicians

Treat symptomatically.

SECTION 5: Firefighting measures

Fire and explosion hazards

Material does not burn. This material does not present any unusual fire or explosion hazards.

Recommended extinguishing media

Water - Use Fine Spray or Fog. Dry chemical. Carbon dioxide. Water may be used to cool tanks and structures adjacent to the fire. AFFF alcohol compatible foam.

Unsuitable extinguishing media

None.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Hazardous combustion products: Various hydrocarbon fragments, various halogenated compounds, carbon dioxide, formaldehyde, carbon monoxide, sulfur dioxide, silicon dioxide, nitrogen oxides.

SECTION 6: Accidental release measures

Personal precautions

Avoid skin and eye contact. Do not breathe vapor, mist, dust or fumes. Keep Container closed. Do not take internally.

Environmental precautions

Do not empty into drains. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Inform local authorities if this cannot be prevented.

Methods for cleaning up

Take up with absorbent material (e.g. sand, universal binder). Dispose of Absorbed material in accordance with the regulation.

SECTION 7: Handling and storage

Handling Precautions

Formation of aerosols or vapors during processing and application Should be prevented. Wear respiratory protection when spraying. Keep away from sources of ignition-no smoking.

Storage Conditions

Keep container tightly closed.

Unsuitable Packaging Materials

None established.

SECTION 8: Exposure Controls/Personal Protection

Personal protective equipment

General protective measures

Avoid contact with eyes and skin. Do not inhale aerosols.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: Physical and Chemical Properties

Appearance

Physical state:	liquid
Color:	white to yellowish
Odor:	odorless
pH:	7.0
Melting point:	no data available
Boiling point/boiling range:	99.6 °C (211.3 °F) at 1013 hPa
Flash point:	> 100 °C (> 212 °F)
Sustained combustibility:	> 100 °C (> 212 °F)
Ignition temperature:	Not applicable.
Lower explosion limit:	exempt
Upper explosion limit:	no data available
Vapor pressure:	24.5 hPa / 20 °C (68 °F)
Density:	1.0128 g/cm ³ at 20 °C (68 °F)
Water solubility:	no data available
Partition coefficient: n-octanol/water:	no data available
Viscosity, kinematic:	4.89 mm ² /s at 20 °C (68 °F)

SECTION 10: Stability And Reactivity

Thermal decomposition

Stable

Hazardous reactions

No hazardous reactions with proper storage and handling.

Hazardous decomposition products

None with proper storage and handling.

SECTION 11: Toxicological Information

Possible Health Effects	Refer to Section 2
Sensitizing Effects	None know
Mutagenic Effects	None know
Reproductive Effects	None know
Carcinogenic Effects	None know
Other Health Hazard Information	No know applicable information

SECTION 12: Ecological Effects

Persistence and degradability

Contact with water liberates ethanol and silanol- and/or siloxanol-compounds. The hydrolysis product (Ethanol) is readily biologically degradable. Silicone content: biologically not degradable. Elimination by adsorption to activated sludge.

Product of hydrolysis (Ethanol)

Ethanol is readily biodegradable.

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 13: Disposal considerations

Product Disposal

In accordance with local authority regulations, take to special waste Incineration plant.

Packaging Disposal

Dispose of in accordance with local regulation.

SECTION 14: Transport Information

Road and Rail Transport	Applicable
Sea Transport (IMDG)	Not subject to IMDG code
Air Transport (IATA)	Not subject to IATA regulations

SECTION 15:Regulatory Information

National regulations

The following regulations, rules or standards set forth the requirement for the use, handling, storage, transportation, classification and labeling of chemical product.

- Regulations on Safety Administration of Hazardous Chemicals
- Regulation of Safety Use Chemicals at Workplace
- Regulations on Labor Protection in Workplaces Where Toxic Products Are Used
- GB/T 16483: Safety data sheet for chemical products - Content and order of sections
- GB 15258: General rules for preparation of precautionary label for industrial chemicals
- GB 30000.2 ~ GB 30000.29: Rules for classification and labelling of chemicals
- GB 13690: General rule for classification and hazard communication of chemicals
- GB 12268: List of dangerous goods
- GB 6944: Classification and code of dangerous goods
- GB 190: Labels for packages of dangerous goods
- GB/T 15098: The principle of classification of transport packaging groups of dangerous goods
- GBZ 2.1: Occupational Exposure Limits for Hazardous Agents in the Workplace, Part 1, Chemical Hazardous Agents

Treat and dispose of the waste in compliance with the applicable environmental protection and waste disposal legislation.

China (IECSC) All components are listed or exempted.

International regulations

Australia inventory (AICS) All components are listed or exempted.

Canada inventory All components are listed or exempted.

Japan inventory All components are listed or exempted.

Korea inventory All components are listed or exempted.

Philippines inventory (PICCS) All components are listed or exempted.

United States inventory (TSCA 8b) All components are listed or exempted.

New Zealand Inventory (NZIoC) All components are listed or exempted.

Taiwan inventory (CSNN) All components are listed or exempted.

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

Version 7.1Y	Page 6 / 6	Revision Date 15.03.2025
--------------	------------	--------------------------

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.