

Version 6.4R

Page 1 / 7

Revision Date 27.02.2023

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

Product Name: SiSiB® WR3130

**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 contact Mildly irritating to the eyes.  
Skin Mildly irritating to the skin.  
Ingestion Not classified as harmful, however ingestion of large quantities may cause nausea, vomiting or diarrhoea.  
Inhalation Little adverse effects expected from inhalation.

**SECTION 3: Composition/information on ingredients**

Chemical characteristics Polydimethylsiloxane (emulsion in water)

**SECTION 4: First aid measures****General advice**

Remove soiled or soaked clothing immediately.

**After inhalation**

Unusual to inhale. If inhale, ensure supply of fresh air. In the event of symptoms take medical treatment.

After contact with skin

Wash contaminated skin with plenty of water.

**After contact with eyes**

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

**After ingestion**

Seek medical advice immediately.

**Note to physicians**

Treat symptomatically.

**SECTION 5: Firefighting measures****Autoignition Temperature**

Not determined

**Lower Flammability Limit**

Not determined

**Upper Flammability Limit**

Not determined

**Hazardous Properties**

None

**Extinguishing Media**

Chemical dry powder, CO<sub>2</sub>, alcohol-resistant foam or water spray.

**Special Fire Fighting Procedures and Equipment**

Determine the need to evacuate or isolate the area according to your local emergency plan. Use chemical dry powder to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemical.

**Hazardous Combustion Products**

Carbon monoxide, carbon dioxide, silicon dioxide

**Unsuitable Extinguishing Media**

A lot of water jets.

**SECTION 6: Accidental release measures****Personal Precautions**

Avoid skin and eye contact with chemicals, do not breathe vapor, mist, dust, or fumes.

Keep container closed.

**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 materials (e.g. sand, universal binder). Dispose of absorbed materials 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.

**Storage Conditions**

Version 6.4R

Page 3 / 7

Revision Date 27.02.2023

Keep container tightly closed.

**Unsuitable Packaging Materials**

None established

**SECTION 8: Exposure Controls/Personal Protection****Personal protective equipment**

Avoid skin and eye contact with chemicals. Do not inhale aerosols.

**General protective measures**

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.

**Respiratory protection**

In case of formation of vapors/aerosols.

**Hand protection**

No special protection needed.

**Eye protection**

Use chemical worker's goggles.

**Skin and body protection**

Protective clothing. A protective ointment is recommended.

**Precautionary Measures**

Avoid skin and eye contact with chemicals. Do not breathe vapor, mist, dust, or fumes. Keep container closed. Do not take it internally. Use reasonable care.

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

Physical state	Liquid
Color	White
Odor	Characteristic
pH	6~8
Solubility in water	Soluble
Melting point	Not measured
Boiling point	Not measured
Flash point	Not measured
Auto-ignition temperature	Approx 415°C
Explosive properties	Not measured
Oxidizing Properties	Not measured

Version 6.4R

Page 4 / 7

Revision Date 27.02.2023

Vapor pressure	Not measured
Relative vapor density	Not measured
Partition coefficient (n-octanol/water)	Not measured
Thermal decomposition	Not measured
Specific Gravity	1.0 g/cm <sup>3</sup> (20 °C)
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available

**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****Information on toxicological effects**

Acute toxicity (oral)	LD50
	Species: Rat
	Dose: No data available
Acute toxicity (inhalation)	LC50
	Species: rat
	Exposure duration: 4h
	Test atmosphere: dust/mist
	Dose: No data available
	Method: OECD Test Guideline 403
Acute toxicity (dermal)	LD50
	Species: rabbit
	Dose: No data available
Irritation/corrosion of the skin	LD50
	Species: rat
	Dose: No data available
Irritation/corrosion of the skin	Result: No data available
	Species: rabbit
Serious eye damage/eye irritation	Result: No data available
	Species: Guinea pig
Respiratory/skin sensitization	Result: No data available
	Result: No data available

Version 6.4R	Page 5 / 7	Revision Date 27.02.2023
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Classification	No data available
Repeated dose toxicity	No data available
<b>CMR assessment</b>	
Carcinogenicity	No data available
Mutagenicity	No data available
Teratogenicity	No data available
Toxicity to reproduction	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration hazard	No aspiration toxicity classification
Other information	No data available

## SECTION 12: Ecological Effects

### Ecotoxicology Assessment

#### Acute aquatic toxicity

Hazardous to the aquatic environment

#### Chronic aquatic toxicity

Toxic to aquatic life with long lasting effects.

#### Toxicity

Aquatotoxicity, fish	Species: rainbow trout Exposure duration: 96h LC50: No data available
Aquatotoxicity, invertebrates	Species: daphnia magna Exposure duration: 48h EC50: No data available
Aquatotoxicity, algae/aquatic plants	Species: Scenedesmus subspicatus Exposure duration: 72h EbC50: No data available Remarks: No data available Species: Scenedesmus subspicatus Exposure duration: 72h EbC50: No data available Remarks: No data available
Toxicity in microorganisms	No data available
Chronic toxicity in fish	No data available
Chronic toxicity in aquatic Invertebrates	No data available
Toxicity in organisms which live in the soil	

Version 6.4R	Page 6 / 7	Revision Date 27.02.2023
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Toxicity in terrestrial plants No data available  
 Toxicity to above-ground organisms No data available

**Persistence and degradability**

Photodegradation No data available  
 Biological degradability No data available  
 Physico-chemical removability No data available  
 Biochemical oxygen demand (BOD) No data available  
 Chemical oxygen demand (COD) No data available  
 Relation of BOD/COD No data available  
 Dissolved organic carbon (DOC) No data available  
 Adsorbed organic bound halogens (AOX) No data available

Distribution among environmental compartments No data available

**Bioaccumulative potential**

Bioaccumulation No data available

**Mobility in soil**

Environmental distribution No data available

**Results of PBT and vPvB assessment**

PBT and vPvB assessment No data available

**Other adverse effects**

**General information**

Do not allow to enter soil, waterways or waste water canal.  
 The ecotoxicological data refer to the undiluted 100% product.

**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 inventory (IECSC) All components are listed or exempted.

**International regulations****International lists**

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 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.