

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

Product Identifier

Product Name: ADDSiL™ 5533

Chemical Name: Silicone defoamer

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

Emergency Overview

Liquid without hard block after mixing. According to the globally chemicals harmonized classification and labelling system (GHS), the product is non-hazardous and has no GHS classification.

GHS Hazard Category

According to the globally chemicals harmonized classification and labelling system (GHS), the product is non-hazardous and has no GHS classification.

Physical And Chemical Hazards

According to the existing experience and data, there are no physical and chemical hazards when appropriate preventive measures are taken for normal use.

Health Hazards

According to the existing experience and data, there are no physical and chemical hazards when appropriate preventive measures are taken for normal use.

Environmental Hazards

No data.

Other hazards

No data.

SECTION 3: Composition/information on ingredients

Chemical Composition

Modified polysiloxane compounds (100%)

Components Of Hazardous Substances

Non-hazardous ingredients

SECTION 4: First aid measures

Inhalation

Immediately transfer to a place with fresh air to avoid injury.

Skin Contact

Take off the contaminated clothes at the first time and wash them with clean water or soapy water immediately

Eye Contact

In case of contact with eyes, wash immediately with plenty of water.

Ingestion

Do not induce vomiting, contact the hospital immediately.

Doctor Assistance Information

There are no chemicals that require special assistance.

SECTION 5: Firefighting measures

Hazardous characteristics

No combustion

Effective means of extinguishing fire

Foam, carbon dioxide, dry powder extinguisher or fire hydrant.

Harmful substances that may be generated during fire extinguishing

carbon dioxide and irritants generated by combustion.

Special equipment required for fire fighting

If necessary, special protective clothing shall be worn during firefighting.

SECTION 6: Accidental release measures

Personal precautions

Use personal precautions.

Environmental protection means

The product cannot be introduced into the drainage pipeline.

Cleaning: absorption of inert materials

(e.g. sand, silica gel, sawdust, etc.).

SECTION 7: Handling and storage

Precautions for operation

Suggestions for safe use

Use ventilation equipment and do not take it orally.

Storage precautions

Requirements for storage container and site

The storage container shall be sealed and stored in a ventilated place.

Further requirements for storage conditions

Keep away from heat sources.

SECTION 8: Exposure Controls/Personal Protection

Allowable contact concentration at the workplace

Compound	CAS#	Standard type	Control parameters		Source
			Value [ppm]	Value [mg/m ³]	
No hazard					

Personal protective facilities

Respiratory protection

Respiratory device shall be worn in the place with poor ventilation.

Hand protection

Wear work gloves.

Eye protection

Wear protective goggles.

Skin to body contact

Wear long sleeved clothes.

Sanitary means

The operation needs to follow strict sanitary operation specifications.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: liquid
Color	light yellow
Smell	special smell
Melting point	no relevant data
Flash point	more than 100 °C (closed cup test method)
Initial boiling point	more than 200 °C
Steam pressure	no relevant data
Density (25 °C, 1.013 HPA)	1.0-1.1g / cm ³
Bulk density	no relevant data
Water solubility	soluble
Viscosity (20 °C)	no relevant data
Viscosity (40 °C)	no relevant data
Surface tension	no relevant data

SECTION 10: Stability And Reactivity

Stability

Stable

Reactivity

Service conditions to avoid

Direct use will not decompose.

Substances to avoid common use

Strong oxidants.

SECTION 11: Toxicological Information

Acute oral toxicity

no relevant data

Skin contact toxicity

no relevant data

Eye contact

no relevant data

Toxic dose

no relevant data

Additional suggestion

no relevant data

SECTION 12: Ecological Effects

Ecotoxicity effect

Acute toxicity (toxicity to fish)

no relevant data

Mobility

no relevant data

Microbial toxicity

no relevant data

Other side effects

no relevant data

Degradation information (residue and degradability)

Biodegradability

no relevant data

Bioaccumulation toxicity

no relevant data

SECTION 13: Disposal considerations

Product:

Dispose according to local regulations.

Empty drums not cleaned

Dispose of in accordance with local regulations.

SECTION 14: Transport Information

Land transportation

unrestricted

Ocean shipping

unrestricted

Air transport

unrestricted

SECTION 15: Regulatory Information

Applicable regulations

Decree No. 591 of the State Administration of work safety on the safety management of hazardous chemicals

Catalogue of hazardous chemicals (2015 Edition) (no serious drugs): Not listed

List of dangerous chemicals liable to explosion: Not listed

Catalogue of hazardous chemicals (version 2015) (highly toxic products): Not listed

Hazardous chemicals (products only): Not listed

The list of the first batch of key regulated hazardous chemicals published by the State Administration of work safety: Not listed

The second batch of hazardous chemicals under key supervision published by the State Administration of work safety: Not listed

List of hazardous chemicals under key environmental management: Not listed

Decree No. 653 of the State Council of the people's Republic of China on the administration of precursor chemicals

Regulations on import and export management of precursor chemicals

List of categories and varieties of precursor chemicals attached to the regulations on the administration of precursor chemicals

Regulations of the people's Republic of China on the administration of MCCs

List of various MCCs: Not listed

List of toxic chemicals whose import and export are strictly restricted in China: Not listed

Regulations on labor protection in workplaces where toxic substances are used

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List of highly toxic substances: Not listed

Environmental management measures for new chemical substances
List of existing chemical substances in China: All ingredients listed

Regulations on the management of ozone depleting substances
List of controlled ozone depleting substances in China: Not listed
Rotterdam Convention (Annex III): Not listed

Interim Provisions on supervision and management of major hazard installations of hazardous chemicals
Gb18218 identification of major hazard installations of hazardous chemicals: Not listed

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.