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

Product Identifier

Product Name: SiSiB® ASS8806

Chemical Name: Agricultural Silicone Surfactant

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

Primary Entry Routes: Eyes, Skin, Inhalation, Ingestion
Targets Organs: Eyes, Skin, Respiratory Tract, Digestive System
Potential Health Effects Harmful by inhalation and in contact with skin. Irritating to eyes and skin.
Eye: Irritating to eyes.

Skin: Brief contact is not expected to produce irritation. Prolonged contact may result in: - minor irritation -transient local redness - swelling Prolonged and/or repeated contact may result in: - skin irritation.

Ingestion: No evidence of harmful effects from available information. Prolonged and/or repeated contact may result in: - injury to the liver - injury to the thyroid - injury to the kidney - injury to the blood-forming system - injury to the male and female reproductive systems.

Inhalation: Harmful effects are not expected from static vapor at ambient temperature. Inhalation of an aerosol of the neat material within a confined space could result in respiratory distress and eye injury. Prolonged and/or repeated exposure may cause the following effects: An aerosol of the neat liquid may cause: - damage to respiratory tract - injury to the eyes - injury to the nasal cavity - injury to the blood-forming system.

Acute Effects: May be slightly toxic based on acute animal studies.
Chronic Effects: Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Not known.

SECTION 3: Composition/information on ingredients

English Chemical Name: Siloxane Polyether Modified

Organically modified polysiloxane

CAS Number: 134180-76-0

Content: >80%

Polyether

CAS Number: 9041-33-2

Content: <20%

SECTION 4: First aid measures

If inhaled: Remove to fresh air if aerosol spray is inhaled. If breathing is difficult, administer oxygen. Obtain medical attention immediately.

In case of skin contact: Wash skin with soap and water.

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

If swallowed: No emergency care anticipated.

NOTE TO PHYSICIAN: There is no specific antidote. Treatment is symptomatic and supportive.

SECTION 5: Firefighting measures

Applicable extinguishing agent: Foam, carbon dioxide, dry powder, water spray

Hazardous Decomposition Products: None with proper storage and handling.

Fire-Fighting Instructions: In the event of fire the following can be released: carbon monoxide, carbon dioxide, silicon dioxide. Collect contaminated firefighting water separately, must not be discharged into the drains.

Fire-Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand,(MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire or Explosion Hazards: OSHA flammable class-combustible liquid, Class IIIB

SECTION 6: Accidental release measures

Emergency procedures: Slippery when spilt, clean up immediately. Wear Protective equipment to prevent skin and eye damage

Methods and materials for containment and clean up: Prevent run off into drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder).Collect and seal in properly labelled containers for disposals. Dispose of in accordance with all Local. State and Federal regulations at an approved waste disposal site. For small spills, wash with plenty of water.

SECTION 7: Handling and storage

Handling Precautions： Formation of Aerosols or vapors during processing and application should be prevented. Wear respiratory protection when spraying.

Storage Requirements： Keep container tightly closed.

Regulatory Requirements: No special measures required.

SECTION 8: Exposure Controls/Personal Protection

Engineering Control: Good general (mechanical) ventilation should be sufficient to control airborne levels.

Ventilation: Maintain good ventilation to avoid inhalation or aerosols.

Respiration Protection: Wear dust/mist respirator.

Protective Clothing/Equipment: Light protective clothing is required. PVC gloves. Safety goggles and /or face shield is recommended for use.

Contaminated Equipment: Remove soiled or soaked clothing immediately.

Comments: Avoid contact with eyes and skin. Do not eat, drink or smoke when working. Wash hands before breaks and after work. Use barrier skin cream.

SECTION 9: Physical and Chemical Properties

Appearance:	light yellow liquid
Viscosity(25°C):	25-45mPa.s
Evaporation Rate:	< 1
Cloud Point:	<10°C
Density：	1.01-1.03g/cm3
Melting point：	-50°C
Decompose Temperature：	No data available

Flash Point：	112°C
Burning Temperature：	No data available
Exposure：	No data available
Steam density：	No data available
Solubility in Water:	Dispersible

SECTION 10: Stability And Reactivity

Chemical Stability：	Stable
Hazardous Polymerizations:	None
Condition to Avoided:	None with proper storing and handling
Chemical Incompatibilities:	None with proper storing and handling
Hazardous Decomposition Products：	None with proper storing and handling

SECTION 11:Toxicological Information

Eye effects:	Species: rabbit, moderate irritant, Method: OECD 405
Acute Dermal Effect:	LD50 Species: rat, DOSE:>4000mg/kg，Method: OECD402
Acute Oral Effects:	LD50; Species: Rats; > 2,000 mg/kg;
Acute Inhalation Effects:	LC50; Species: Rat; 2 mg/l; Remarks: aerosol, Test results are based on analogy with a similar material. LC50; Species: Rat; > 11.78 mg/l; Remarks: 5% Diluted aqueous solution, aerosol. By analogy with a product of similar composition.
Skin Irritation:	Species: rabbit slight irritant effect-does not require labeling, method OECD 404
Chronic Effects:	not known
Carcinogenicity:	Not listed by NTP,IARC,ACGIH,or OSHA as a carcinogen.
Mutagenicity:	not known
Teratogenicity:	not known

SECTION 12: Ecological Effects

Ecotoxicity: not known

Aquatic Toxicity: LC50 Species: sunfish, Dose:15mg/l 96hr
EC50 Species: Daphnia Magna, Dose:177mg/l 48hr

Environmental Fate:
Ecological notes: Use best management practices to limit uncontrolled release to waterways.

SECTION 13:Disposal considerations

Disposal: Should be consistent with federal, state and local regulations.

Disposal Regulatory Requirements: In accordance with local authority regulations, take to special waste incineration plant.

Container Cleaning and Disposal: If empty contaminated containers are recycled or disposed of, the receiver must be informed about the possible hazards.

SECTION 14:Transport Information

UN number

ADR/RID: -	IMDG: -	IATA: -

UN proper shipping name

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

Classification : None Allocated

Poisons Schedule: None Allocated

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.