

MATERIAL SAFETY DATA SHEET

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

Product Name: Sophorolipids

Company Identification: SOHO ANECO Chemicals Co., Limited

Address: Hummingbird Branch Center, Qinhuai District, Nanjing 210022, China

For information, call: +86-25-6606-0698

Emergency Number: +86-25-6606-0698

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Substance Name	CAS#	Content %
Sophorolipids	/	45-55
Water	7732-18-5	45-55
Polylysine	25104-18-1	≤0.05

**** SECTION 3 - HAZARDS IDENTIFICATION ****

GHS Classification:

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Other hazards: Not available.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion:

Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation:

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Get medical aid if cough or other symptoms appear.

Notes to Physician:

Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH

(approved or equivalent), and full protective gear.

Extinguishing Media:

Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Autoignition Temperature: Not available.

Flash Point: Not available.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

****** SECTION 6 - ACCIDENTAL RELEASE MEASURES ******

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

****** SECTION 7 - HANDLING AND STORAGE ******

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

****** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ******

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

A respiratory protection program that meets OSHA's 29 CFR :1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

****** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ******

Appearance:	Light yellow to brown liquid
Odor:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Negligible
Viscosity:	Not available
Boiling Point:	Not available
Melting Point:	Not available
Decomposition Temperature:	Not available

****** SECTION 10 - STABILITY AND REACTIVITY ******

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Not available.

Incompatibilities with Other Materials:

Strong acids or strong bases.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous Polymerization: Will not occur.

****** SECTION 11 - TOXICOLOGICAL INFORMATION ******

Acute toxicity:

Acute oral toxicity test: LD50>2000mg/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:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

Potential health effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: It is harmless to the skin and will not cause skin irritation.

Eyes: May cause eye irritation.

Signs and symptoms of Exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional information:

RTECS: Not available

****** SECTION 12 - ECOLOGICAL INFORMATION ******

Toxicity: No data available

Persistence and degradability: Biodegradable

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: No data available

Other adverse effects: No data available

****** SECTION 13 - DISPOSAL CONSIDERATIONS ******

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

****** SECTION 14 - TRANSPORT INFORMATION ******

US DOT

Not a DOT controlled material (United States).

Canadian TDG

No information available.

****** SECTION 15 - REGULATORY INFORMATION ******

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information:

Please pay attention on the waste treatment should comply with local regulations requirement.

****** SECTION 16 - ADDITIONAL INFORMATION ******

MSDS Creation Date: Dec. 8th, 2022

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.