

Material Safety Data Sheet

1. Name of substance/preparation and company

1.1 Commercial product: Sodium lauryl sulfoacetate (SLSA)

1.2 Company: Wuhan Oner Biotech Co., Ltd.

Changqing 5th Road, Wuhan City 430023, Hubei Province, China.

2. Composition/Information on constituents

CAS-No.: 1847-58-1

Molecular formula: $C_{14}H_{27}NaO_5S$

Molecular weight: 330.41

EC number: none

3. Hazards identification

Fire and Explosion: Non-combustible.

Health: Handling this product in its final form presents minimal risk from occupational exposure.

Caution – Pharmaceutical agent.

Environment: No environmental hazards have been identified for this material.

4. First aid measures

Ingestion: Never attempt to induce vomiting. Wash out the mouth with water. If the exposed subject is fully conscious, give plenty of water to drink. Obtain medical attention.

Inhalation: Physical form suggests that risk of inhalation exposure is negligible.

Skin Contact: Obtain medical attention if skin reaction occurs, which may be immediate or delayed.

Eye Contact: Wash immediately with clean and gently flowing water.

NOTES TO HEALTH PROFESSIONALS

Medical Treatment: Treat according to locally accepted protocols.

Medical Conditions: Refer to prescribing information for detailed description of medical

Caused or Aggravated: conditions caused by or aggravated by overexposure to this product. by Exposure

5. Fire-fighting measures

Fire and Explosion Hazards: Non.

Extinguishing Media: Water or foam extinguishers are recommended.

Special Firefighting Procedures: For single units (packages): No special requirements needed.

Hazardous Combustion Products: Non.

6. Accidental release measures

Personal Precautions: Wear protective clothing and equipment consistent with the degree of hazard.

Environmental Precautions: For large spills, take precautions to prevent entry into

waterways,sewers, or surface drainage systems.

Clean-up Methods: Collect and place it in a suitable, properly labelled container for recovery or disposal.

7. Handling and storage

HANDLING

General Requirements: No special control measures required for the normal handling of this product.Normal room ventilation is expected to be adequate for routine handling of this product.

STORAGE: No storage requirements necessary for occupational hazards. Follow product information storage instructions to maintain efficacy.

8. Exposure controls- personal protection

INGREDIENT: Sodium lauryl sulfoacetate (SLSA)

Occupational Hazard Category: 1

Occupational Exposure Limit: 5000 mcg/m³ (8 HR TWA)

Other Equipment or Procedures: None required for normal handling. Wash hands and arms thoroughly after handling.

9. Physical and chemical properties

Appearance white to cream colored powder

10. Stability and reactivity

Stability: This product is expected to be stable.

Conditions to Avoid: None for normal handling of this product.

11. Toxicological information

Oral Toxicity: Not expected to be toxic following ingestion.

Skin Effects: No studies have been conducted.

Eye Effects:No studies have been conducted.

* Other Adverse Effects

None known for occupational exposure.

12. Ecological information

* Summary: This material has been tested, and no environmental effects have been identified. Local regulations and procedures should be consulted prior to environmental release. Specific information on this material is provided below.

ECOTOXICITY

Aquatic

* Activated Sludge Respiration: This material is not toxic to activated sludge microorganisms.

* Microbial Growth Inhibition: This material is not toxic to these microorganisms.

* Daphnid: This material is not toxic to daphnids.

MOBILITY

* Solubility

This material for environmental fate predictions has solubility in water.

* Volatility

This material contains will not readily enter into the air from hard surfaces or from a container of the pure substance.

* Partitioning

This material with octanol/water partition coefficient data that suggests that for

environmental fate predictions the this material will not have the tendency to distribute into fats.

PERSISTENCE/DEGRADATION

* Photolysis

This material is unlikely to undergo photodegradation.

* Biodegradation

This material is not readily biodegradable but is inherently biodegradable (as defined by 1993 OECD Testing Guidelines) and is not expected to persist in the environment.

Aerobic - Ready

* BIOACCUMULATION

This material will not have a tendency to bioaccumulate in the food chain.

13. Disposal considerations

Disposal Recommendations: Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements: Observe all local and national regulations when disposing of this product.

14. Transport information

The SDS should accompany all shipments for reference in the event of spillage or accidental release.

Only authorised persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

UN Classification and Labelling

Transport Information Transportation and shipping of this product is not restricted. It has no known,significant hazards requiring special packaging or labelling for air, maritime, US or European ground transport purposes.

15. Regulatory Information

The information included below is an overview of the major regulatory requirements. It should not be considered to be an exhaustive summary. Local regulations should be consulted for additional requirements.

* EU Classification and Labelling

US OSHA Standard (29 CFR Part 1910.1200)

Classification is exempt from the requirements of the OSHA Hazard Communication Standard.

Other US Regulations

TSCA Status Exempt

16. Other information

Date approved/revised 26-May.2014

Sections Subsections

COMPOSITION / INFORMATION ON INGREDIENTS

ECOLOGICAL INFORMATION

HAZARDS IDENTIFICATION Environment

REGULATORY INFORMATION European Union Classification and Labelling Requirements

TOXICOLOGY INFORMATION

Other Adverse Effects

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.