

## BE-LONG CORPORATION

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# Material Safety Data Sheet

## Sodium Lauryl Ether Sulfate

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Identification of the substance or preparation

Product Name: [Sodium Lauryl Ether Sulfate](#)

Chemical Name: Sodium Lauryl Ether Sulfate

Synonym Name: Sodium Alkyl Ethoxy Sulphate, Sodium C10-16 Alkyl Ethoxy Sulphate (Predominantly C12-C14)

Chemical Formula:  $\text{CH}_3-(\text{CH}_2)_n-(\text{O}-\text{CH}_2-\text{CH}_2)_p-\text{OSO}_3\text{Na}$  n=9-15, p=2

#### 1.2. Use of the Substance/Preparation

Recommended use: Household Detergent

engine degreasers

floor cleaners

car wash soaps

leveling agent

mineral flotation agent

#### 1.3. Company/Undertaking Identification

Address: P.O.Box. 139 Gulou Post Office

Nanjing, 210008 China

#### 1.4. Emergency and contact telephone numbers

Emergency telephone: +86-25-8471 2605

Contact telephone number: +86-25-8471 5120 (Product information)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Sodium Lauryl Ether sulfate	68585-34-2	no longer polymer70

### 3. HAZARDS IDENTIFICATION

May cause some irritation to the mouth and upper digestive tract.

May cause significant skin irritation especially if exposure is prolonged and/or repeated.

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Contact with eyes can cause severe irritation. If not washed out promptly, will injure the tissue, and permanent damage may result.

### **4. FIRST AID MEASURES**

Wash out mouth with water. Do not induce vomiting. Seek medical advice.

Wash the skin with soap and water. Seek medical attention if skin appears damaged.

Immediately wash out the eye with plenty of water for at least 15 minutes holding the eye open.

Seek medical attention urgently.

### **5. FIRE-FIGHTING MEASURES**

Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be formed in large fire.

Use power, foam, sand, water spray. Avoid using large quantities of water.

In case of fire, self-contained breathing apparatus should be worn.

### **6. ACCIDENTAL RELEASE MEASURES**

Contain and collect spillage.

Absorb on to sand / kieselguhr.

Failure to contain release must be reported to the local authority and medical should be notified.

May make floor very slippery.

Wear impervious gloves/overalls and eye protection while clearing up the spillage. Do not wash into the drains.

Place in plastic barrels for disposal.

Do not mix with other waster materials.

Dispose of in accordance with Federal State and local authority regulations. Seek advice from the local waste authority or contact medical for guidance.

### **7. HANDLING AND STORAGE**

Store in plastic, plastic lined or stainless steel, tight closed containers at between 5 and 40 degrees Centigrade. Do not store close to strong oxidizing agents which could aggravate any fire situation.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Avoid contact with eyes, skin or clothes.

Working procedures should be designed to minimize worker exposure to this product. When this is not possible, the following personal protective equipment should be provided.

Skin protection: Protective overalls and shoes/boots recommended

Hand protection: Impervious gloves recommended.

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Eye protection: Safety face shield must be worn.

Respiratory protection:

All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Where necessary workers should be trained in the effective use of the personal protective equipment provided.

No exposure standards have been set for the substances present in this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: viscous liquid pale straw

Odour: characteristic Set point (°C): ca. 7

Melting Point / Melting Range: 10-15°C

Boiling Point / Boiling Range: X Relative Density (20°C): ca. 1.1

Viscosity (25°C): ca. 25000 m Pa.s. Brookfield RVT Spindle 4.R.P.M 100

Water Solubility (20°C): ca. 450 g/l

Solubility in lower alcohols: fully miscible @20°C

pH (20°C) (100 g/l): ca. 7.5

Flash Point (°C): X

“X”=Not Applicable

## 10. STABILITY AND REACTIVITY

If the pH fails an exothermic reaction may occur releasing sulphuric acid.

May react with strong oxidants.

Decomposition

May start to hydrolyse >50 degC.

LD50(oral rat) >2000mg/Kg

## 11. TOXICOLOGICAL INFORMATION

Not classified as “Harmful if swallowed”. May cause some irritation of the mouth and upper digestive tract. May produce significant skin irritation after prolonged contact.

May cause severe, possibly permanent eye damage.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: The product is toxic to aquatic organisms.

Ecological Overview: Not expected to cause significant environment impact.

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Mobility: The product will dissolve in water.

Persistence / Degradability: This product is readily biodegradable with respect to EC criteria.

Bio-accumulation: Product is surface active, Log Pow inappropriate.

Do not release into surface waters.

## 13. DISPOSAL CONSIDERATIONS

When disposing of waste or surplus material avoid contact with the eye and skin. Impervious gloves/over all and a face shield must be worn.

Do not wash into the drains.

Do not mix with other waste materials.

Dispose of in accordance with Federal State and local authority regulations. Seek advice from the local waste authority or contact medical for guidance.

## 14. TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

## 15. REGULATORY INFORMATION

This preparation is classified according to the criteria laid down in the EEC Directives on the Control of Dangerous

Substances and Preparations.

Irritant

R41: Risk of serious damage to eyes. R38: Irritating to skin.

S26: In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice.

S39: Wear eye / face protection.

This product is classified on the basis of information compiled by CESIO on the toxicological properties of surfactants.

No exposure standards have been set for the substances present in this product.

Wassergefährdungsklasse (WGK): 2