

Sodium Lauryl Ether Sulfate 70% - MSDS



Section 1 - Chemical Product and Company Identification

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MSDS Name: Sodium Lauryl Ether Sulfate 70% (Stabilized) Material Safety Data Sheet

Company Identification:

Polymet Commodities Ltd.
Unit 504 - 505, NO.2588 South Lianhua Road, Shanghai, China

For information, call: 86 21 34304663

Emergency Number: 86 21 33587758

Section 2 - Composition, Information on Ingredients

CAS #	Chemical name	Percent	EINECS/ELINCS
68585-34-2	Sodium lauryl ether sulfate	70%	205-788-1

Section 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.

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

Section 4 - 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.

Section 5 - Exposure Controls

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 mix with other waster materials.

Do not mix with other waster materials.

Dispose of in accordance with deferral state and local authority regulations.

Seek advice from the local waste authority or contact medical for guidance.

Section 6 - Handling & Storage

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

Section 7 - 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.

Eye protection: safety face shield must be worn.

Respiratory protection: all personal protective equipment must comply with the appropriate EEC(CE) standard 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.

Section 8- Physical & Chemical Properties

Appearance at 25°C: Viscous liquid pale straw

Odour : Characteristic set point (degree C): ca. 7

Melting Point / Melting range: 10-15

Boiling Point / Boiling range: N/A Relative Density (20 degree C) : ca 1.1

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

Water solubility (20 degree C): ca. 450 g/l

Solubility in lower alcohols: fully miscible @20 degree C

Ph (20 degree C) (100 g/l): ca. 7.5

Flash point: N/A

Section 9 - Stability & Reactivity

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

May react with strong oxidants.

Decomposition. May start to hydrolyse > 50 deg C.

Section 10- Toxicological Information

LD50 (oral rat) > 2000mg/kg.

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.

Section 11- Ecological Information

Ecotoxicity: The product is toxic to aquatic organisms.

Ecological overview: not expected to cause significant environment impact.

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.

Section 12 - 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.

Section 13- Transport Information

DOT Classification: not a DOT controlled material.

Identification: not applicable.

Special Provisions for transport: not applicable.

Section 14 - 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 damages 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 these products.

Wassergefährdungsklasse (WGK):2

Section 15- Additional Information

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 event shall Polymet commodities Ltd 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 Polymet commodities Ltd has been advised of the possibility of such damages.