



The Chemical Company

Safety data sheet MEYCO SLF 30

Revision date : 2008/09/09

Version: 1.0

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(30342114/MDS GEN US/EN)

1. Substance/preparation and company identification

Company

BASF Agricultural Products de Puerto Rico
State Road No. 2, km. 47.3
Manati PR 00674

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
Outside of the United States,
call: (001)703-527-3887
BASF HOTLINE: 1-800-832-HELP

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
68585-34-2	15.0 - 40.0 %	sodium lauryl ether sulfate

3. Hazard identification

Emergency overview

WARNING: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO
SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.
MAY BE HARMFUL IF INHALED.

If swallowed, seek medical advice immediately and show this container or label.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Irritation:

Irritating to eyes and skin.

4. First-aid measures

If inhaled:

If not breathing, give artificial respiration. Remove victim to fresh air and away from exposure immediately.

If on skin:

If symptoms persist, seek medical advice. Wash thoroughly with soap and water.

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If in eyes:

Flush with copious amounts of water for at least 15 minutes.

If swallowed:

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting unless told to by a poison control center or doctor. If person is conscious and can swallow, give two glasses of water.

5. Fire-fighting measures

Flash point:

Non-flammable.

Suitable extinguishing media:

carbon dioxide, dry powder, water fog, foam

6. Accidental release measures

Cleanup:

Vacuum up spilled product. Pick up with inert absorbent material (if possible). Do not discharge into drains/surface waters/groundwater. Dispose of absorbed material in accordance with regulations.

7. Handling and storage

Handling

General advice:

Ensure thorough ventilation of stores and work areas.

Temperature tolerance

Protect from temperatures below: 32 °F

The packed product must be protected from temperatures below the indicated one.

8. Exposure controls and personal protection

Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) respirator as necessary. Wear respiratory protection if ventilation is inadequate.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields. Safety glasses Safety glasses/face shield

Body protection:

Impermeable protective clothing

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General safety and hygiene measures:

Food, beverages, and tobacco products shall not be carried, stored, or consumed where this material is in use. Hands and/or face should be washed before breaks and at the end of the shift. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Form:	liquid	
Odour:	characteristic	
pH value:	approx. 7	(20 °C)
Density:	approx. 1.04 g/cm3	(20 °C)
Solubility in water:	soluble	

10. Stability and reactivity

Decomposition products:
carbon oxides, nitrogen oxides

11. Toxicological information

Acute toxicity

Oral:
LD50/rat: approx. > 2,000 mg/kg

Inhalation:
No data available.

Dermal:
No data available.

12. Ecological information

Environmental toxicity

Acute and prolonged toxicity to fish:
Rainbow trout/LC50 (96 h): approx. 100 mg/l

Other ecotoxicological advice:
No data available for the preparation.

13. Disposal considerations

Waste disposal of substance:
Dispose of in accordance with national, state and local regulations.
Recommendations: Use excess product in an alternate beneficial application.

14. Transport information

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Land transport
USDOT

Not classified as a dangerous good under transport regulations

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory information

Federal Regulations

Registration status:
TSCA, US released / listed

OSHA hazard category: No data available.

SARA hazard categories (EPCRA 311/312): Not hazardous

State regulations

CA Prop. 65:
THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
CANCER.

16. Other information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

END OF DATA SHEET

Description

MEYCO SLF 30 liquid foaming agent is designed for use in soils containing high concentrations of clay, and as a dust suppressant in hard rock tunneling and mining applications.

MEYCO SLF 30 foaming agent was developed for soil conditioning in tunneling with shielded TBM excavation.

Applications

Recommended for use in:

- Soft ground tunneling with TBMs
- Dust suppression in hard rock tunneling

MEYCO® SLF 30

Soil Conditioning Foam for TBM

Features

- Liquid foaming agent

Benefits

- Improved soil behavior
- Easier mucking operation
- Environmentally friendly
- Reduced permeability and increased sealing at the face
- Even and controlled support pressure and increased face stability
- Lower inner friction and lower abrasiveness of the soil at the cutterhead through to the screw conveyor and conveyor
- Reduces power consumption; enables soil extraction and conveyance and reduces wear and tear costs
- Reduces stickiness in certain soils decreasing opportunities for blockage
- Dust suppression in hard rock tunneling and mining operations

Performance Characteristics

Technical Data

Form	Liquid
Color	Pale Yellow
pH; 68 °F (20 °C)	6.5 - 7.5
Density @ 68 °F: lb/ft ³ (20 °C): (kg/m ³)	64.6 - 65.3 (1035 - 1045)

Guidelines for Use

Dosage: The dosage range of MEYCO SLF 30 liquid foaming agent is 2-6% by volume of water. MEYCO SLF P2 can be added with MEYCO SLF 30 foaming agent to strengthen the foam or adjust the properties of the excavated soil.

A trial evaluation should be conducted to determine the proper dosage for a given soil condition or dust suppressant application. If necessary, contact your BASF Construction Chemicals representative for assistance.

Recommendations: MEYCO SLF 30 foaming agent contains no hazardous materials. However, it is recommended that all normal precautions be taken when handling the product, such as the use of eye protection and gloves. Refer to the MSDS for MEYCO SLF 30 foaming agent for more information.

Storage and Handling

MEYCO SLF 30 foaming agent should be stored at temperatures between 41 °F and 95 °F (5 °C and 35 °C). Do not allow MEYCO SLF 30 foaming agent to freeze. If MEYCO SLF 30 foaming agent freezes, contact your local BASF Construction Chemicals representative prior to use.

Shelf Life: MEYCO SLF 30 foaming agent has a shelf life of 12 months if stored in original tightly secured containers. Depending on storage conditions, the shelf life may be greater than stated. Please contact your BASF Construction Chemicals representative regarding suitability for use and dosage recommendations if the shelf life of MEYCO SLF 30 foaming agent has been exceeded.

Packaging

MEYCO SLF 30 foaming agent is available in 55 gallon (208 L) drums and 275 gallon (1041 L) totes.

Related Documents

Material Safety Data Sheet – MEYCO SLF 30 foaming agent

Additional Information

For additional information on MEYCO SLF 30 foaming agent, contact your local sales representative.

The Admixture Systems business of BASF Construction Chemicals is a leading provider of innovative additives for specialty concrete used in the ready mix, precast, manufactured concrete products, underground construction and paving markets throughout the North American region. The Company's respected Master Builders brand products are used to improve the placing, pumping, finishing, appearance and performance characteristics of concrete.

BASF Construction Chemicals
Admixture Systems

www.masterbuilders.com

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