

Foamer ES

SECTION 1. IDENTIFICATION

Product Identifier	Foamer ES
Recommended Use	DRILLING ADDITIVE - FORAGE ADDITIF - PERFORACIÓN ADITIVO.
Manufacturer	Control Chemical (1989) Corporation, 7016 30 Street S.E., Calgary, AB, T2C 1N9, 403-720-7044, www.matex-ccc.com
Emergency Phone No.	Control Chemical (1989) Corporation, 403-720-7044, 24 Hours
Date of Preparation	November 18, 2015

SECTION 2. HAZARD IDENTIFICATION

Label Elements

No label elements assigned.

Other Hazards

Product is classified as a IIIB combustible liquid (Flash Point >93.3 degrees Celsius).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Sodium olefin sulphonate	68439-57-6	30 - 40	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Do not induce vomiting, contact physician.

First-aid Comments

Flush eyes with water. Wash skin with soap and water. In case of ingestion, do not induce vomiting. Call a physician immediately.

Most Important Symptoms and Effects, Acute and Delayed

If on skin: may cause irritation, redness, swelling or dermatitis. If swallowed: may cause gastrointestinal irritation, cramps or diarrhea. If in eyes: will cause painful burning or stinging of eyes and lids, watering of eyes and inflammation of conjunctiva.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Foam, Carbon dioxide, and Dry chemical.

Specific Hazards Arising from the Product

Oxides of carbon. Oxides of sulphur. Will produce products of incomplete combustion. Product capable of burning after drying.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Follow proper industrial hygiene and safety practices.

Environmental Precautions

Do not allow product to enter sewers, drains, waterways, or confined spaces.

Methods and Materials for Containment and Cleaning Up

Spills should be contained and cleaned up properly. For small amounts, flush with water. For large amounts, contain and collect into waste container for appropriate disposal. Soak up spill with and absorbent material. Eg. sand, vermiculite, or diatomaceous earth. Flush area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Wear personal protective equipment to avoid direct contact with product. Caution: water contact with product will cause slippery conditions.

Conditions for Safe Storage

Store in a tightly sealed container. Keep containers tightly closed when not in use or when empty. Store in a cool, dry, well ventilated area. Keep separate from incompatible materials (see section 10).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Wear safety goggles or face shield.

Skin Protection

Wear chemical resistant gloves. Wear clothing as required to protect against contact.

Respiratory Protection

If vapour or dusts are present, use a NIOSH-approved air-purifying respirator as needed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Clear yellow liquid.

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Odour	Soapy
pH	8.0 (10% solution)
Melting Point/Freezing Point	-3 °C (27 °F) (melting)
Initial Boiling Point/Range	106 °C (223 °F)
Flash Point	> 93.3 °C (199.9 °F) (closed cup)
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	759.90 mm Hg (101.32 kPa)
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.05
Solubility	Not available in water
Auto-ignition Temperature	Not available
Other Information	
Bulk Density	66 lb/ft ³ (1050 kg/m ³)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid contamination with reactive substances.

Incompatible Materials

Oxidizing agents (e.g. peroxides), reducing agents (e.g. hydroquinone).

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium olefin sulphonate		3,900 mg/kg (rabbit)	

LC50: No information was located.

Skin Corrosion/Irritation

Contact may cause irritation, redness and swelling. Frequent or prolonged contact may cause dermatitis.

Serious Eye Damage/Irritation

Will cause painful burning or stinging of eyes and lids, watering of eyes and inflammation of conjunctiva.

Carcinogenicity

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

Possible teratogen.

Germ Cell Mutagenicity

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No information was located.

Other Information

Chlorosultones have a toxicologically synergistic effect with product.

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability

Biodegradable.

Bioaccumulative Potential

No information was located.

Mobility in Soil

Studies are not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of in accordance with all applicable Federal/Provincial and Local regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under IATA Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Product is classified as IIIB combustible liquid (Flash Point >93.3 degrees Celsius).

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 1	Flammability - 1	Instability - 0
SDS Prepared By	Control Chemical (1989) Corporation		
Date of Preparation	November 18, 2015		
Disclaimer	To the best of our knowledge the information contained herein is accurate. However neither the above named supplier, nor any of it's subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein		

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