

**Material Safety Data Sheet**  
**FOAMER ES**

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**Material Identification and Use**

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MANUFACTURER'S NAME ..... CONTROL CHEMICAL (1989) CORPORATION  
MANUFACTURER'S ADDRESS ..... 7016 30 Street SE Calgary, Alberta T2C 1N9  
EMERGENCY PHONE NUMBER ..... (403) 720-7044  
SUPPLIER IDENTIFIER.....  
SUPPLIER'S ADDRESS.....  
SUPPLIER EMERGENCY PHONE NUMBER.....  
PRODUCT IDENTIFIER..... FOAMER ES  
PRODUCT USE.....

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**Hazardous Ingredients of Materials**

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Chemical Identity	Concentration	CAS#/NA#/UN#	LD(50)	LC(50)
Sodium Olefin Sulphonate	30-40%	CAS 68439-57-6	3,900 mg/kg (Oral, Rabbit)	

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**Physical Data For Product**

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PHYSICAL STATE ..... Liquid  
ODOUR AND APPEARANCE ..... Clear, pale yellow liquid, bland odour.  
ODOUR THRESHOLD ..... Not Available  
SPECIFIC GRAVITY ..... 1.05  
VAPOUR PRESSURE..... Same as water  
VAPOUR DENSITY (air=1)..... same as water  
EVAPORATION RATE ..... same as water  
BOILING POINT ..... 106 degrees C  
FREEZING POINT ..... -3 degrees C  
pH ..... 8.0 (10% in D.W.)  
DENSITY (g/ml) ..... 1.05  
COEFFICIENT OF WATER/OIL DISTRIBUTION .....

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**Fire and Explosion Hazard of Product**

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CONDITIONS OF FLAMMABILITY ..... Will burn after drying  
MEANS OF EXTINCTION ..... Water fog, Foam, CO<sub>2</sub>, Dry Chemical  
FLASHPOINT AND METHOD OF DETERMINATION . >93.3 degrees C (PM/CC)  
UPPER EXPLOSION LIMIT(% BY VOL)..... Not Applicable  
LOWER EXPLOSION LIMIT(% BY VOL) ..... Not Applicable  
AUTO-IGNITION TEMPERATURE..... Not Applicable  
FLAMMABILITY CLASSIFICATION .....

HAZARDOUS COMBUSTION PRODUCTS..... Oxides of carbon and sulphur and products of incomplete combustion

EXPLOSION DATA ..... Not sensitive.  
SENSITIVITY TO STATIC DISCHARGE..... Not sensitive.

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**Reactivity Data**

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CHEMICAL STABILITY ..... Stable under normal conditions. Hazardous polymerization will not occur.  
INCOMPATIBLE MATERIALS..... Avoid strong oxidizing and reducing agents.

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CONDITIONS OF REACTIVITY ..... Avoid contamination with reactive substances.  
HAZARDOUS DECOMPOSITION PRODUCTS ..... Not available.

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**Toxicological Properties of Product**

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ROUTES OF ENTRY  
SKIN CONTACT ..... No effects of exposure expected due to contact.  
Prolonged contact may cause skin irritation or dermatitis  
in some individuals.  
SKIN ABSORPTION ..... Not available  
EYE ..... Will cause painful burning or stinging of eyes and lids,  
watering of eyes, and inflammation of conjunctiva.  
INHALATION ..... Not available  
INGESTION ..... May cause nausea and vomiting.  
ACUTE OVER EXPOSURE EFFECTS .....  
CHRONIC OVER EXPOSURE EFFECTS ..... Skin irritation or dermatitis may occur upon frequent or  
prolonged contact.  
EXPOSURE LIMITS ..... Not established.  
IRRITANCY OF PRODUCT ..... Skin: mild irritant Eye: severe irritant.  
SENSITIZATION TO MATERIAL ..... Repeated or prolonged contact may cause sensitization in  
some individuals.  
CARCINOGENICITY, REPRODUCTIVE EFFECTS ..... Product has not been listed as a carcinogen or potential  
carcinogen by either the ACGIH or the IARC.  
TERATOGENICITY, MUTAGENICITY ..... Possible teratogen, Mutagenicity: Not available  
TOXICOLOGICALLY SYNERGISTIC PRODUCTS ..... Chlorosultones

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**Preventive Measures**

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PERSONAL PROTECTIVE EQUIPMENT ..... Chemical goggles, rubber or plastic gloves, and clothing  
as required to protect against contact. If mist and/or hot  
vapors are present, use air-purifying respirator or self-  
contained breathing apparatus as required.  
SPECIFIC ENGINEERING CONTROLS ..... Use with adequate ventilation for misting operations.  
LEAK AND SPILL PROCEDURES ..... Small amounts - Flush with water. Large amounts -  
contain spill and collect into waste container. Absorb  
remaining product with earth or sand and dispose of with  
solid waste. Flush area with water.  
WASTE DISPOSAL ..... Dispose of waste according to federal, provincial, and  
local regulations.  
HANDLING PROCEDURES AND EQUIPMENT ..... Avoid prolonged or frequent contact when handling  
material. Avoid breathing mists or vapor. Handle only  
in adequately ventilated areas.  
STORAGE REQUIREMENTS ..... Store at room temperature 20 - 30 degrees C.  
SPECIAL SHIPPING INFORMATION ..... Not Regulated.

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**First Aid Measures**

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SPECIFIC FIRST AID PROCEDURES ..... Flush eyes with abundant water. Wash skin with soap  
and water. If ingested, give water. DO NOT induce  
vomiting. Call a physician.

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**Preparation Date of Material Safety Data Sheet**

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PREPARED BY ..... Safety Committee  
PHONE NUMBER OF PREPARER..... (403) 720-7044  
DATE PREPARED.....January 2, 2010

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