

**Material Safety Data Sheet
FOAMER ES**

Material Identification and Use

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.....

Hazardous Ingredients of Materials

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)	

Physical Data For Product

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

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY Will burn after drying
MEANS OF EXTINCTION Water fog, Foam, CO₂, 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.

Reactivity Data

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.

Toxicological Properties of Product

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

Preventive Measures

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.

First Aid Measures

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.

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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