

**Material Safety Data Sheet
FOAMER C**

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 C
PRODUCT USE Drilling Foam

Hazardous Ingredients of Materials

Chemical Identity	Concentration	CAS#/NA#/UN#	LD(50)	LC(50)
Hexylene Glycol	5-25%	CAS 107-41-5	>4,000 mg/kg (Oral, Rabbit); 13,300 mg/kg (Dermal, Rabbit)	
Ammonium Deceth Sulfate (Rat)	20-40%	CAS 68187-17-7	1,700 mg/kg	

Physical Data For Product

PHYSICAL STATE Clear amber liquid.
ODOUR AND APPEARANCE Clear liquid. Characteristic odour.
ODOUR THRESHOLD n/a
SPECIFIC GRAVITY 1.03 - 1.06 (25 deg. C)
VAPOUR PRESSURE not available
VAPOUR DENSITY (air=1) not available
EVAPORATION RATE not available
BOILING POINT >100 degrees C
FREEZING POINT -25 degrees C
pH 7.0 - 7.5 (10%)
DENSITY (g/ml) not available
COEFFICIENT OF WATER/OIL DISTRIBUTION n/a

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY Requires source of ignition, the presence of air, and a temperature greater than the flash point.
MEANS OF EXTINCTION Use media proper to primary cause of fire.
FLASHPOINT AND METHOD OF DETERMINATION >100 deg. C. (open cup)
UPPER EXPLOSION LIMIT(% BY VOL) Not available
LOWER EXPLOSION LIMIT(% BY VOL) Not available
AUTO-IGNITION TEMPERATURE n/a
FLAMMABILITY CLASSIFICATION Flammable Liquid Class B-1
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon and sulphur and products of incomplete combustion.
EXPLOSION DATA sensitivity to mechanical impact: Not sensitive.
SENSITIVITY TO STATIC DISCHARGE Not sensitive.

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Reactivity Data

CHEMICAL STABILITY	Stable under normal conditions. Hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS.....	Oxidizing agents.
CONDITIONS OF REACTIVITY	Avoid contamination with reactive substances.
HAZARDOUS DECOMPOSITION PRODUCTS	n/a

Toxicological Properties of Product

ROUTES OF ENTRY	
SKIN CONTACT	Contact will cause moderate to severe redness and swelling. Itching, tingling sensation, painful burning.
SKIN ABSORPTION.....	n/a
EYE	Will cause painful burning or stinging of eyes and lids, and inflammation of conjunctiva, and watering of eyes.
INHALATION	If misted, causes irritation of mucous membranes, coughing and difficulty in breathing.
INGESTION.....	May cause nausea and vomiting.
ACUTE OVER EXPOSURE EFFECTS.....	n/a
CHRONIC OVER EXPOSURE EFFECTS	Skin irritation or dermatitis may occur upon frequent or prolonged contact.
EXPOSURE LIMITS	Contains hexylene glycol. Exposure limit, TWA = 25 ppm (Ont. Reg. 654/86).
IRRITANCY OF PRODUCT.....	Skin: moderate to severe irritant. Eye: Severe irritant.
SENSITIZATION TO MATERIAL.....	No evidence to indicate sensitizer.
CARCINOGENICITY, REPRODUCTIVE EFFECTS.....	Product has not been listed as a carcinogen or potential carcinogen by either the ACGIH or the IARC.
TERATOGENICITY, MUTAGENICITY	n/a
TOXICOLOGICALLY SYNERGISTIC PRODUCTS.....	n/a

Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT	Chemical goggles, rubber or plastic gloves, and clothing as required to protect against contact. If mist and/or hot vapours are present, use air-purifying respirator or self-contained breathing apparatus as required.
SPECIFIC ENGINEERING CONTROLS	General ventilation with a good source of make-up air recommended for all indoor situations. Local ventilation recommended at source of contaminant generation. Ventilation should be adequate enough to maintain air concentrations below designated exp. limi
LEAK AND SPILL PROCEDURES	Contain spill, collect for disposal, absorb remaining portion with earth and dispose, flush area with water, keep away from heat, sparks and flame.
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. Explosion-proof equipment is recommended. Electrically ground all equipment. Protective measures during repair/ maintenance of equipment: Wash equipment thoroughly with steam or warm water until clean. Check for flammables with an "explosion meter" and also check the oxygen level with

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an oxygen meter. In all cases, follow good industrial safety practices.

STORAGE REQUIREMENTS Keep container closed when not in use. Store in cool and dry location away from oxidizing and reducing agents.

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

PREPARED BY Safety Committee
PHONE NUMBER OF PREPARER..... (403) 720-7044
DATE PREPARED..... January 1, 2010

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