

Smith & Smith Laboratories, Inc.

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7731 NW Roanridge Rd. Suite C Kansas City, Missouri 64151

Phone: (816) 741-7667

Fax: (816) 741-7699

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MATERIAL SAFETY DATA SHEET

CHM00173

EMERGENCY INFORMATION

MEDICAL: 1-800-633-9576

TRANSPORTATION: 1-800-535-5053

SECTION ONE

PRODUCT NAME: Evapo-FOAM

PRODUCT CODE: 60100

ISSUE DATE: 10/26/2000

SECTION TWO

HAZARDOUS COMPONENTS	OSHA	ACGIH	OTHER	%	CAS NO
Ethylene Glycol Monobutyl Ether	25 ppm	25 ppm	N/A	0.5-1.0	111-76-2
Isobutane	NE	NE	N/A	5-10	75-28-5

NE: None Established NA: Not Applicable +: ACGIH \*: CAL OSHA N/D: Not Determined "STEL": Short Term Exposure Limit

SECTION THREE - PHYSICAL DATA

BOILING POINT: N/D VAPOR PRESSURE (mmHg or psig @ 70F): 40 psig  
 VAPOR DENSITY (AIR=1): HEAVIER THAN SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.00-1.02  
 SOLUBILITY IN WATER % BY WT.: ~95 % VOC CONTENT % BY WT.: 6%  
 EVAPORATION RATE (BUTYL ACETATE=1): Slower than APPEARANCE AND ODOR: Colorless liquid, white foam and a fresh odor

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D FLAMMABLE LIMITS: UEL 25% LEL 1.1%

EXTINGUISHING MEDIUM: As appropriate for combustibles in area

FIRE AND EXPLOSION HAZARD DATA

SPECIAL FIRE FIGHTING PROCEDURES: Although non-flammable, this product does contain a flammable propellant and firefighters should wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep containers cool with water spray to prevent rupture. Ventilate area. Evacuate all non trained personnel. Wear full protective clothing including helmet. Contain spill and dike, if possible. For leaks and spills that have not ignited, water spray can be used to disperse the flammable vapor and protect personnel attempting to stop the leak. Do not use direct stream of water because the flammable portion will float and can be reignited.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBAs in a positive pressure mode with full face shield. The flammable components are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition as vapor may ignite. Carbon oxides may be formed.

SECTION FIVE - REACTIVITY DATA

STABILITY: Stable, avoid open flames and high temperatures (above 120°F) and direct sunlight.

INCOMPATIBILITY: Acids, Acrolein, Dimethyl Sulfate, Halogens, Silver Nitrate, Propylene Oxide, Nitromethane, Silver Oxide, Silver Permanganate, Oleum, Beta-Propylactone, Strong Oxidizing agents, Halogenated organic solvents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic fumes of organic chlorides, amines, hydrogen chloride, ammonia and oxides of carbon and nitrogen. Combustion may yield carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION SIX - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE

EYE CONTACT: Direct contact with the liquid or mists or overexposure to the vapor may be irritating causing tearing, stinging, redness, and swelling. Prolonged contact may be seriously damaging. May cause corneal injury.

SKIN CONTACT: Repeated or prolonged contact may cause mild skin irritation resulting in redness, burning, drying, and cracking of the skin, even a burn. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

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CONTINUED

SECTION SIX - HEALTH HAZARD DATA

SKIN ABSORPTION: Not likely when used as directed.

INGESTION: Not likely as an aerosol, but highly corrosive. Ingestion may cause nausea, vomiting, and burns, especially of the esophagus. Ingestion may cause burns to the mouth and throat.

INHALATION: Prolonged, repeated, or intentional abuse may be harmful or fatal. Effects of overexposure may include irritation of the nose and throat and signs of nervous system depression: headache, drowsiness, dizziness, loss of coordination and fatigue. Overexposure may cause respiratory symptoms associated with pre-existing lung disorders, asthma-like conditions, to be aggravated.

SYSTEMIC AND OTHER EFFECTS: None known.

NOTE: When used as directed no adverse effects have been found in laboratory testing with humans.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: In case of contact, immediately flush eyes with large amounts of water. If irritation or other symptoms persist, call a physician.

SKIN CONTACT: In case of contact, wash with soap and water. If irritation occurs call a physician. Wash clothing before reuse.

INHALATION: If affected, move person to non-contaminated air fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately if symptoms persist.

INGESTION: Ingestion is not likely as an aerosol but, if ingested, **do not induce vomiting**. Give one to two glasses of cold water. Keep victim's head below hips or on left side with head down. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

SECTION SEVEN - ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Ventilate area, especially low places where heavy vapors might collect. Extinguish all ignition sources. Contain spill and cover with inorganic absorbant material. Collect spilled material. Place into an approved DOT container for disposal. Clean up residue with water. Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

WASTE DISPOSAL METHOD: In accordance with local, state, and federal regulations. For large spills remove to a permitted disposal facility. For small spills, dry inorganic material on plastic in direct sunlight and landfill.

SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS

Store in tightly sealed containers. Keep away from heat, sparks & open flame.

SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS (continued)

Do not get in eyes, on skin, or clothing. Do not breathe vapor, mist, or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Do not throw empty container into fire. Read label before using.

SECTION NINE - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): If use conditions generate large amounts of vapors or mists, select one of the following NIOSH approved respirators based on airborne concentration of contaminants in accordance with OSHA regulations. Full-face organic vapor and acid gas respirator, full-face supplied air respirator or full-face pressure demand self-contained breathing apparatus.

VENTILATION: Local mechanical exhaust ventilation capable of maintaining emissions at the point of use below the PEL/tlv.

PROTECTIVE GLOVES: Any lined non-permeable rubber gloves.

EYE PROTECTION: Chemical resistant safety glasses with protective side shields.

OTHER PROTECTIVE EQUIPMENT: Non-permeable clothing to protect all skin from liquid contact.

PREVENTION OF ACCIDENTAL INGESTION: Do not eat or drink around this product when using it. Wash exposed areas with soap and water when finished using.

SECTION TEN - REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
Ethylene Glycol Monobutyl Ether	111-76-2	0.5-1.0

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CONTINUED SECTION TEN - REGULATORY INFORMATION

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND
Not Applicable		
CALIFORNIA PROPOSITION 65 None Listed		

MASSACHUSETTS RIGHT TO KNOW: Yes

Isobutane	75-28-5	5.0 %
Ethylene Glycol Monobutyl Ether	111-76-2	0.5-1.0 %

PENNSYLVANIA RIGHT TO KNOW:

Isobutane	75-28-5	5.0 %
Ethylene Glycol Monobutyl Ether	111-76-2	0.5-1.0 %

NEW JERSEY RIGHT TO KNOW: YES

Isobutane	75-28-5	5.0 %
Ethylene Glycol Monobutyl Ether	111-76-2	0.5-1.0 %

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOC'S: 6%

NFPA RATING AS AN AEROSOL: Level One

HMIS: HEALTH 1 REACTIVITY 0 FLAMMABILITY 2

SECTION TEN - REGULATORY INFORMATION (continued)

CARCINOGENITY	CHEMICAL	IARC	NTP	OSHA
NOT LISTED				

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