

First Strike™ Mine Fire Fighting Foam Concentrate (US-FC-MFFF)

Safety Data Sheet

U.S. Foam Technologies, Inc.

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: First Strike™ Mine Fire Fighting Foam Concentrate
Product ID: US-FC-MFFF
Manufactured By: U.S. Foam Technologies, Inc.
Address: 800 E. Cotton St., Longview, Texas 75602
Telephone: 800-595-3626
Website: www.usfoam.com
Revision Date: April 1, 2016

SECTION 2 – HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:

May cause irritation to the eyes and skin.

POTENTIAL HEALTH EFFECTS:

Eye Contact: May cause irritation. Signs/symptoms can include redness, swelling, pain, tearing and hazy vision.

Skin Contact: May cause irritation. Signs/symptoms can include local redness, swelling and itching.

Inhalation: Inhalation of mists may cause irritation of upper respiratory track and mucous membranes.

Ingestion: May cause abdominal discomfort, nausea, and irritation to mucous membranes.

Carcinogenicity: Non-carcinogenic. No components listed with NTP, IARC or OSHA.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	Weight %
Proprietary Blend of Water, Hydrocarbon Surfactants, Foam Stabilizers and Corrosion Inhibitors	Trade Secret	76% - 82%
Diethylene Glycol Monobutyl Ether	112-34-5	18% - 24%

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush with large amounts of water for at least 15 minutes while holding lid(s) open. Contact a physician.

Skin Contact: Flush affected area with large amounts of water. If irritation persists, seek medical attention.

Inhalation: If signs/symptoms occur, remove person to fresh air. If signs/symptoms persist, seek medical attention.

Ingestion: Drink several glasses of water. DO NOT induce vomiting. Contact a physician/poison control center immediately.

N/A (Not Available) N/E (Not Established)

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SECTION 5 – FIRE FIGHTING MEASURES

Flash Point (°F): None

Flammable Limits: LEL – N/E

UEL – N/E

Extinguishing Media: This product is a fire extinguishing agent. Use media appropriate for surrounding materials.

Special Fire Fighting Procedures: Wear full protective clothing, self-contained breathing apparatus, gloves and boots.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in SECTION 8. Area may be slippery; use appropriate caution to avoid slips and falls. Contain spill. As much as practicable, prevent product from entering ditches and waterways. Cover with absorbent material. Collect spilled material and place in approved sealed container. Refer to SECTION 11 for disposal considerations.

SECTION 7 – HANDLING AND STORAGE

HANDLING:

Follow good industrial hygiene practices when handling. Avoid eye contact with vapor, spray or mist. Avoid skin contact. Do not eat, drink or smoke when using this product. Use with adequate ventilation. Avoid breathing vapors, spray or mists. Wash exposed areas thoroughly with soap and water after handling and before eating.

RECOMMENDED STORAGE:

Store product in its original container or approved end-use device. Do not store containers on their sides. Protect from freezing. Keep container closed when not in use.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Exposure Limits: Diethylene Glycol Monobutyl Ether

OSHA PEL: N/E ACGIH TLV: N/E

ENGINEERING CONTROLS:

No specific controls required.

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Safety glasses, goggles or full-face shield

Skin Protection: Chemical resistant gloves

Respiratory Protection: None generally required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Clear, Off-White Liquid with Mild Solvent Odor

pH: 7.0 - 8.5

Specific Gravity (H₂O=1): 1.011 ± 0.025

Boiling Point: 85-90 °C

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

N/A (Not Available) N/E (Not Established)

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Solubility in Water: Complete

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable
Incompatibility: Strong oxidizers
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur

SECTION 11 – DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable local, regional and federal laws and regulations.

SECTION 12 – TRANSPORT INFORMATION

DOT Hazard Class: Non-hazardous
DOT Shipping Name: Not regulated
NMFC ID Number: 69160 - Fire Extinguisher Charges or Compounds, NOI

SECTION 13 – REGULATORY INFORMATION

INVENTORY STATUS:

All components are on the US TSCA (Toxic Substances Control Act) inventory or are exempt from listing.

FEDERAL REGULATIONS:

Component(s) subject to SARA Title III Section 313 reporting requirements:
Diethylene Glycol Monobutyl Ether (Glycol Ethers Category)

Component(s) subject to CERCLA reporting requirements: None

STATE REGULATIONS:

Component(s) subject to California Proposition 65 warning requirements: None

SECTION 14 – OTHER INFORMATION

HMIS® III (HAZARDOUS MATERIALS IDENTIFICATION SYSTEM) RATINGS:

HEALTH:	<u>2</u>	<u>Hazard Index</u>
FLAMMABILITY:	<u>0</u>	4 = Severe Hazard
PHYSICAL HAZARD:	<u>0</u>	3 = Serious Hazard
PERSONAL PROTECTION:	<u>Refer to SECTION 8</u>	2 = Moderate Hazard
		1 = Slight Hazard
		0 = Minimal Hazard

SECTION 15 - DISCLAIMER

While U.S. Foam Technologies, Inc. believes that the information contained herein is accurate and reliable as of the date of this Material Safety Data Sheet, no guarantee or warranty, expressed or implied, is made to the accuracy, completeness, or reliability of the information.

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