

# First Strike™ TF-1170 Training Foam Super Concentrate (US-TF-1170)

## Safety Data Sheet

U.S. Foam Technologies, Inc.

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: First Strike™ TF-1170 Training Foam Super Concentrate  
Product ID: US-TF-1170  
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 and Corrosion Inhibitors	Trade Secret	72% - 78%
Diethylene Glycol Monobutyl Ether	112-34-5	22% - 28%

### 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)

**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 &amp; Odor: Clear Liquid with Slight Solvent Odor

pH: 7.0 - 8.5

Specific Gravity (H<sub>2</sub>O=1): 1.008 ± 0.025

Boiling Point: 85-90 °C

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

Solubility in Water: Complete

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

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## Safety Data Sheet

U.S. Foam Technologies, Inc.

### SECTION 10 – STABILITY AND REACTIVITY

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

### SECTION 11 – Toxicological Information

#### INFORMATION ON LIKELY ROUTES OF EXPOSURE

Product Information: No Data Available

INHALATION No Data Available  
 Eye Contact No Data Available  
 Skin Contact No Data Available  
 INGESTION No Data Available

#### ACUTE TOXICITY

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2 - (2-Butoxyethoxy) Ethanol 112-34-5	= 3384 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Sodium Decyl Sulfate 142-87-0	= 1950 mg/kg ( Rat )	-	-

#### INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms No Information Available

#### DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE

Skin Corrosion/Irritation Mild Irritant (Rabbit)  
 Serious Eye Damage/Eye Irritation Mild Irritant (Rabbit)  
 Sensitization No Information Available  
 Germ Cell Mutagenicity No Information Available  
 Carinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA , IARC, NTP  
 Reproductive Toxicity No Information Available  
 STOT - Single Exposure No Information Available  
 STOT - Repeated Exposure No Information Available  
 Aspiration Hazard No Information Available

#### NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION

The following values are calculated based on chapter 3.1 of the GHS document mg/kg

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

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## Safety Data Sheet

U.S. Foam Technologies, Inc.

### SECTION 12 – ECOLOGICAL INFORMATION

#### ECOTOXICITY

0.2878% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
2-(2-Butoxyethoxy) Ethanol 112-34-5	EC50 96 h > 100 mg/L Desmodesmus subspicatus	LC50 96 h = 1300 mg/L Lepomis macrochirus static	EC50 24 h = 2850 mg/L Daphnia magna EC50 48 h > 100 mg/L Daphnia magna
Cumene sulfonate, sodium salt 28348-53-0	EC50 72 h > 1000 mg/L Desmodesmus subspicatus	-	EC50 24 h > 1000 mg/L Daphnia magna
1,2-Propanediol 57-55-6	EC50 96 h = 19000 mg/L Pseudokirchneriella subcapitata	LC50 96 h = 51600 mg/L Oncorhynchus mykiss static LC50 96 h 41 - 47 mL/L Oncorhynchus mykiss static LC50 96 h = 51400 mg/L Pimephales promelas static LC50 96 h = 710 mg/L Pimephales promelas	EC50 48 h > 1000 mg/L Daphnia magna Static EC50 24 h > 10000 mg/L Daphnia magna
2-Methyl-2,4-pentanediol 107-41-5	-	LC50 96 h 10500 - 11000 mg/L Pimephales promelas flow-through LC50 96 h = 10000 mg/L Lepomis macrochirus static LC50 96 h = 8690 mg/L Pimephales promelas flow-through LC50 96 h = 10700 mg/L Pimephales promelas static	EC50 48 h 2700 - 3700 mg/L Daphnia magna
Sodium chloride 7647-14-5	-	LC50 96 h 5560 - 6080 mg/L Lepomis macrochirus flow-through LC50 96 h = 12946 mg/L Lepomis macrochirus static LC50 96 h 6020 - 7070 mg/L Pimephales promelas static LC50 96 h = 7050 mg/L Pimephales promelas semi-static LC50 96 h 6420 - 6700 mg/L Pimephales promelas static LC50 96 h 4747 - 7824 mg/L Oncorhynchus mykiss flow-through	EC50 48 h = 1000 mg/L Daphnia magna EC50 48 h 340.7 - 469.2 mg/L Daphnia magna Static
Formaldehyde 50-00-0	-	LC50 96 h 22.6 - 25.7 mg/L Pimephales promelas flow-through LC50 96 h = 1510 µg/L Lepomis macrochirus static LC50 96 h = 41 mg/L Brachydanio rerio static LC50 96 h 0.032 - 0.226 mL/L Oncorhynchus mykiss flow-through LC50 96 h 100 - 136 mg/L Oncorhynchus mykiss static LC50 96 h 23.2 - 29.7 mg/L Pimephales promelas static	LC50 48 h = 2 mg/L Daphnia magna EC50 48 h 11.3 - 18 mg/L Daphnia magna Static

#### PERSISTENCE AND DEGRADABILITY

No Information Available

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

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### BIOACCUMULATION

No Information Available

### OTHER ADVERSE EFFECTS

No Information Available

## SECTION 13 – DISPOSAL CONSIDERATIONS

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

## SECTION 14 – TRANSPORT INFORMATION

DOT Hazard Class: Non-hazardous

DOT Shipping Name: Not regulated

NMFC ID Number: 69160 - Fire Extinguisher Charges or Compounds, NOI

## SECTION 15 – 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 – No Reportable Quantity Listed)

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:

2

#### Hazard Index

FLAMMABILITY:

0

4 = Severe Hazard

PHYSICAL HAZARD:

0

3 = Serious Hazard

PERSONAL PROTECTION: Refer to SECTION 8

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.

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