



MATERIAL SAFETY DATA SHEET

Foam-A-Tac 435

I. Product and Company Identification

Manufacturer: Enterprise Specialty Products, Inc.
400 Catherine Street
Laurens, SC 29360
(864) 984-7700 Phone
(864) 984-2241 FAX

HMIS RATING	
HEALTH	1
FIRE	1
REACTIVITY	0
PERSONAL	B

IN CASE OF EMERGENCY CALL: (864) 984-7700

Product Name: Foam-A-Tac 435

Generic Name: Organic Defoamer/Antifoam

CAS Number: Not applicable

<input checked="" type="checkbox"/>	Mixture	<input type="checkbox"/>	Single substance
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Date Prepared/Updated: 9/7/2012

Date Product Renamed: 10/10/2013 - Foam-A-Tac 435 is identical in all ways to FC 435

II. Hazardous Composition and Information

<u>Material or Component</u>	<u>CAS#</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
No hazardous materials present				

This Material Safety Data Sheet is in compliance with OSHA Hazard Communication Standard 21CFR 1910.1200

III. Hazards Identification

Emergency Overview: Pale amber translucent liquid with a mild fatty odor. May be mildly irritating to the eyes and skin. May be irritating to the respiratory tract in large doses.

Health Effects:

Skin Contact: May cause mild skin irritation.

Eye Contact: Exposure may cause mild transient irritation, redness and/or tearing.

Ingestion: May result in nausea/intestinal discomfort.

Inhalation: Not considered a hazard under normal use conditions.

Ingredients found on one of OSHA designated carcinogen lists are listed below:

<u>Ingredient Name</u>	<u>NTP Status</u>	<u>IARC Status</u>	<u>OSHA List</u>
No ingredients listed in this section.			

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IV. First Aid Measures

- Skin:** Wash exposed areas with soap and water. Remove contaminated clothing while washing continuously. Discard contaminated clothing and shoes.
- Eyes:** Flush eyes with running water for a minimum of fifteen minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation develops, seek medical attention immediately.
- Ingestion:** If swallowed, dilute with two glasses of water. Seek medical attention immediately. **DO NOT INDUCE VOMITING.**
- Inhalation:** Move victim to fresh air. Assist in breathing, if necessary, and seek immediate medical attention.

V. Fire Fighting Measures

- Flash point and method:** >200°C (>400°F) Setaflash Closed Tester ASTM D3278
- Autoignition Temperature:** No data available.
- Flammability Limits in air:** No data available.

Fire Potential (method of extinguishing): This product will ignite when exposed to an ignition source while at a temperature at or above its flash point. Use carbon dioxide, dry chemical or alcohol-type foam or universal-type foams to extinguish flames. Water spray may be used to cool fire-exposed containers. Do not enter confined fire space without proper protective equipment including a NIOSH/MSHA approved self-contained breathing apparatus.

Unusual fire and explosion hazards: Wear self-contained breathing apparatus and protective clothing when combating a chemical fire in a confined area.

Thermal breakdown of this product will evolve the following decomposition products.

Carbon monoxide, carbon dioxide, fumes and smoke.

VI. Accidental Release Measures

Spill or leak procedures: Spills should be contained, solidified with absorbent, noncombustible material and placed in labeled containers for disposal. Material should be disposed of at a licensed facility. This material is not regulated by RCRA or CERCLA. Wear recommended protective equipment and provide adequate ventilation during clean-up.

Special precautions: Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

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VII. Handling and Storage

No special requirements needed. Avoid contact with eyes, skin and clothing. Ensure that containers are properly secured prior to moving. This product may be stored outside in an unprotected area. Keep container closed during any storage.

VIII. Personal Protection

Engineering Controls:	Control airborne concentrations below the exposure guideline. General Ventilation is recommended.
Eye protection:	Safety glasses are recommended as a minimum, but chemical goggles provide better protection.
Skin protection:	Skin contact should be minimized. Wash all affected areas prior to eating and at completion of handling. Contaminated clothing should be removed at completion of handling. Impervious gloves (butyl, neoprene, nitrile), coveralls or apron and boots are recommended.
Respiratory protection:	If proper ventilation is unavailable, use an NIOSH approved air-purifying respirator.

IX. Physical and Chemical Properties

Appearance:	Pale amber translucent liquid
Odor:	Mild fatty odor
Melting point:	Not applicable
Boiling point:	Not determined
Viscosity @25°C:	250 cps (Brookfield RVT)
Vapor density (air=1 mm HG):	<1 mm HG @20°C
pH (1% Solution):	6.0-7.0
Solubility in H ₂ O:	Dispersible
Specific gravity:	0.982 g/ml
Pour point:	Approx. -10°C

X. Product Stability and Reactivity

General Information:	When used in normal conditions, product is stable. Hazardous decomposition or polymerization will not occur.
Materials and conditions to avoid:	None known

XI. Toxicological Information

Carcinogenicity of Material:	None Known
Reproductive Effects:	None Known
Sensitizing Capability of Material:	None Known
Mutagens:	None Known

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XII. Toxicological/Ecological Information

Toxicity Testing Information

Oral LD ₅₀ (species):	No data available at publish date.
Inhalation LC ₅₀ (species):	No data available at publish date.
Dermal LD ₅₀ (species):	No data available at publish date.
Aquatic LC ₅₀ (species):	No data available at publish date.

Chemical Fate Information

Biological Oxygen Demand (BOD):	No data available at publish date.
Chemical Oxygen Demand (COD):	No data available at publish date.
Octanol/Water Partition coefficient:	No data available at publish date.

XIII. Disposal Consideration

Discarded product is not considered a hazardous waste under RCRA, 40 CFR 261. Please dispose of in accordance with all local, state and federal regulations. It is recommended that the waste be incinerated or land filled at a licensed facility. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product.

XIV. Transport Information

Department of Transportation:	Not Regulated
TDG (Transportation of Dangerous Goods):	Not Regulated

XV. Regulatory Information

Toxic Substances Control Act (TSCA) Regulations, 40 CFR 710:

All ingredients of this product are on the TSCA Chemical Substance Inventory.

OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary:

Physical Hazards:	None known
Health Hazards:	None known

U.S. FEDERAL REGULATORY INFORMATION

SARA 302 Threshold Planning Quantity:	Not applicable
SARA 304 Reportable Quantity:	Not applicable
SARA 311 Categories:	
Immediate (Acute) Health Effects –	No
Delayed (Chronic) Health Effects –	No
Fire Hazard –	No
Sudden Release of Pressure –	No
Reactivity Hazard –	No

SARA TITLE III – SECTION 313 SUPPLIER NOTIFICATION

No chemicals in this product exceed the De Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

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XV. Regulatory Information, continued:

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):
No chemicals in this product are subject to the reporting requirements of CERCLA.

STATE RIGHT TO KNOW:

In addition to ingredients found in Section II, the following product components are listed for state right-to-know purposes:

<u>Ingredient</u>	<u>CAS#</u>
No ingredients listed in this section	

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product does not intentionally contain any chemicals known by the State of California to cause birth defects, cancer and/or other reproductive harm. ESP does not routinely analyze its products for impurities which may be such chemicals. However, as an act of product stewardship, ESP has performed theoretical calculations based on vendor toxicity data and determined that this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a notification/action under the statute.

WHMIS CLASSIFICATION (CANADA):

Not subject to WHMIS regulations.

FOREIGN INVENTORY STATUS:

Canada (DSL)
Australia (AICS)
China (IECS)
Korea (KECL)
Taiwan (ECN)

ABBREVIATIONS:

CAS:	Chemical Abstracts Service
PEL:	Permissible Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average
OSHA:	Occupational Safety and Health Administration
ACGIH:	American Conference of Governmental Industrial Hygienist