



***MSDS Material Safety Data Sheet***  
***Applegate C Foam***  
***Foaming Catalyst Concentrate***

24 Hour Emergency Telephone - CHEMTREC: 1-800-424-9300

All non-emergency questions should be directed to Applegate Insulation Customer Service, 1-800-627-7536, for assistance.

---

**1. Identification**

**Manufacturer's Name:** cfiFOAM, Inc.  
**Manufacturer's Address:** PO Box 10393 Knoxville, TN 37939  
**Product:** Applegate C Foam  
Foaming Catalyst Concentrate  
**Date Prepared:** March 2009  
**Chemical Description:** Acid Blend  
**Product Use:** Foaming Agent

**2. Hazardous Ingredients**

<b>Hazardous Components:</b>	<b>PERCENT</b>	<b>TLV (Units)</b>	<b>CAS #</b>
Phosphoric Acid	<20	1 mg/m <sup>3</sup>	7664-38-2
Aryl Sulfonic Acids	<50	N/D	Mixture

**3. Physical and Chemical Data**

**Boiling Point:** <212 F.  
**pH (1% Solution):** 2.0  
**Solubility in Water:** Soluble  
**% Moisture:** >30%  
**Brookfield Visc. @ 75F:** 10 cps  
**Specific Gravity:** 1.15 g/ml  
**Appearance and Odor:** Clear Amber Liquid With A Mild Odor  
**Misc. Physical Data:** N/A

#### 4. Fire and Explosion Hazard Data

<b>Flash Point:</b>	>300 F. (COC)
<b>Fire Point:</b>	N/A
<b>Extinguishing Media:</b>	Water spray or mist, CO <sub>2</sub> , dry chemical foam
<b>Special Fire Fighting Procedures:</b>	Wear a self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive displacement mode

#### 5. Reactivity Data

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	N/A
<b>Incompatibility:</b>	Strong oxidizers. Product will react with aluminum and aluminum alloys producing hydrogen gas. Any basic (high pH) or caustic materials.
<b>Decomposition Products:</b>	Carbon dioxide, carbon monoxide, phosphorous oxides and various hydrocarbons may be released during a fire.
<b>Hazardous Polymerization:</b>	Will Not Occur

#### 6. Health Hazard Data

<b>Threshold Limit Value:</b>	Not Established
<b>Over Exposure Effects/ Routes of Entry:</b>	Will cause severe eye irritation or burns. Prolonged or repeated contact with the undiluted product can cause moderate skin irritation, defatting, and possible dermatitis. Swallowing this product may cause burns and/or severe gastrointestinal irritation, as well as diarrhea, nausea, and vomiting.
<b>First Aid Procedures:</b>	Flush eyes with clean water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash affected skin area with mild soap and water. If skin irritation is severe or continues, get medical attention. In case of intoxication, give oxygen. Avoid mouth-to-mouth resuscitation.
<b>Chronic Over-Exposure Effects:</b>	No information found
<b>Carcinogenicity Information:</b>	No information found

## 7. Spill or Leak Procedure

<b>For Spill:</b>	Remove all unnecessary personnel. Contain spill and salvage as much material as possible by pumping to a salvage tank or drum. Pick up remaining material with a suitable absorbent.
<b>Waste Disposal Method:</b>	Dispose of only by methods approved by and used in accord with local, state and federal regulations. Dispose of only at a licensed and certified chemical waste disposal facility.

## 8. Protective Equipment and Other Control Measures

<b>Respiratory Protection:</b>	Not normally required.
<b>Protective Gloves:</b>	Neoprene or other chemical resistant gloves.
<b>Ventilation Type Required:</b>	Local exhaust, general mechanical.
<b>Eye Protection:</b>	Chemical splash goggles or safety glasses.
<b>Other Protective Clothing</b>	Safety shower/eye bath. Wear appropriate clothing when working with this material in its undiluted form.

## 9. Special Precautions

<b>Special Information:</b>	Store at normal temperatures and conditions of warehousing. Keep container closed when not in use. Wash contaminated clothing before re-wearing. Do not handle this product in its undiluted form unless the proper protective equipment or clothing is used. Traces of ethylene oxide could accumulate in the headspace of drum, storage/transport vessels or in enclosed areas. This material, if present, will only be in very small trace amounts and if handled according to the recommendations set forth in this MSDS, it is not expected to result in any short or long-term hazard.
<b>DOT Shipping Status:</b>	ORM-D Consumer Commodity product considered non-regulated and non-hazardous.
<b>DOT Hazard Class:</b>	8
<b>DOT Shipping Name:</b>	Corrosive liquids, acidic, organic, N.O.S. (Contains phosphoric acid and aryl sulfonic acids), 8, UN 3265, PG III, ERG# 153.
<b>UN Number:</b>	3265
<b>NA Number:</b>	N/A

**Additional Regulatory  
Information:**

**HMIS Codes:**

This product contains the following chemical  
subject to the reporting requirements of SARA 313—  
Phosphoric Acid. See Section 2 of this MSDS for percent.  
Health – 2  
Flammability – 1  
Reactivity – 1  
Personal Protection – C

*All data are believed to be correct, however, this should not be accepted as a guarantee of their accuracy without confirming tests in your own plant or laboratory. The data relates only to the material as supplied and does not relate to combinations with other materials or processes.*