



MSDS Material Safety Data Sheet
Applegate R Foam
Foaming Catalyst

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 R Foam Catalyst
Date Prepared: March 2009
Chemical Description: Dilute Surfactant/Acid Blend
Product Use: Foaming Catalyst

2. Hazardous Ingredients

Hazardous Components:	PERCENT	TLV (Units)	CAS #
Phosphoric Acid	<10	1 mg/m ³	7664-38-2

3. Physical and Chemical Data

Boiling Point: 212 F.
pH (1% Solution): 2.0-3.0
Solubility in Water: Soluble
% Moisture: >50%
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

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4. Fire and Explosion Hazard Data

Flash Point:	>200 F. (COC)
Fire Point:	N/A
Extinguishing Media:	Water spray or mist, CO ₂ , dry chemical foam
Special Fire Fighting Procedures:	Wear a self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive displacement mode.

5. Reactivity Data

Chemical Stability:	Stable
Conditions to Avoid:	N/A
Incompatibility:	Strong oxidizers. Any basic (high pH) or caustic materials.
Decomposition Products:	Carbon dioxide, carbon monoxide, phosphorous oxides and various hydrocarbons may be released during a fire.
Hazardous Polymerization:	Will Not Occur

6. Health Hazard Data

Threshold Limit Value:	Not Established
Over Exposure Effects/ Routes of Entry:	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.
First Aid Procedures:	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.
Chronic Over-Exposure Effects:	No information found
Carcinogenicity Information:	No information found

7. Spill or Leak Procedure

For Spill:	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.
Waste Disposal Method:	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

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

9. Special Precautions

Special Information:	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 unless the proper protective equipment or clothing is used.
DOT Shipping Status:	Corrosive.
DOT Hazard Class:	8
DOT Shipping Name:	Corrosive liquids, N.O.S. (Contains phosphoric acid), 8, UN 1760, PG III, ERG# 153.
UN Number:	1760
NA Number:	N/A
Additional Regulatory Information:	This product contains the following chemical subject to the reporting requirements of SARA 313— Phosphoric Acid. See Section 2 of this MSDS for percent.
HMIS Codes:	Health – 2 Flammability – 0 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.