

U.S. DEPARTMENT OF LABOR
 OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
 MATERIAL SAFETY DATA SHEET

SECTION 1 -		
MANUFACTURER'S NAME: FPPF CHEMICAL COMPANY, INC.		
EMERGENCY PHONE NUMBER: 1 (800) 735-FPPF (3773)		
24 HR PRODUCT EMERGENCY HOTLINE # (CHEM-TREC) 1 (800) 424-9300		
FULL ADDRESS: 117 WEST TUPPER STREET, BUFFALO, NEW YORK 14201-2193		
PRODUCT CODES: 00157, 90157, 00158, 90158, 00159		
TRADE NAME & SYNONYMS: AIR BRAKE CONDITIONER		

SECTION 2 – HAZARDOUS INGREDIENTS		
Hazardous Mixtures of Other Liquids, Solids, or Gases	%	TLV (Units)
Methanol 67-56-1	99.85	200 ppm
Exposure Limits: 8 Hours		

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS	
Boiling Point (°C):	64.6
Vapor Pressure (mmHg.):	96.0
Vapor Density (Air = 1):	1.1
Solubility in Water:	Complete
Specific Gravity (H ₂ O = 1):	0.7925
Percent, Volatile by Volume (%):	NA
Evaporation Rate (Water = 1)	3.5
Appearance & Odor: Water-white liquid with a mild odor.	

SECTION 4 – FIRE & EXPLOSION DATA			
Flash Point (Method Used): 54°F (TCC)			
Flammable Limits:	NA	LEL = 5.5	UEL = 36.5
Extinguishing Media:	Dry Chemical, "Alcohol foam", CO ₂		
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and complete per-			
sonal protective equipment. Use water spray to cool fire-exposed structures and tanks and to dis-			
perse vapor cloud if fire is not present. Dilution of burning liquid with water spray will reduce inten-			
sity of flame. Vapor is heavier than air and may travel considerable distance to a source of ignition			
& flashback.			

SECTION 5 – PHYSICAL HAZARDOUS REACTIVITY DATA			
Stability:	Unstable	Stable:	X
Conditions to Avoid:	Sparks, Heat, Flame		
Incompatibility (Materials to Avoid):	None		

Hazardous Decomposition Products: Thermal decomposition may produce carbon dioxide and/or carbon monoxide.		
Hazardous Polymerization:	May occur	Will not occur: X
Hazardous Conditions to Avoid: NA		

AIR BRAKE CONDITIONER 1 - 2

SECTION 6 – HEALTH HAZARDS

Acute: Headache – Nausea systemic poisoning	Chronic: May cause	
Signs & Symptoms of Exposure: Not evident immediately		
Medical Conditions Generally Aggravated by Exposure: Unknown		
Chemical listed as Carcinogen or Potential Carcinogen: NA		
National Toxicology Program:	YES	NO X
L.A.R.C. Monographs: NO	OSHA: NA	
Inhalation: Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately. Eyes: Flush with water for at least 15 minutes. Contact physician immediately. Ingestion: Induce vomiting of conscious patient by giving 2 glasses of water and pressing finger down throat. Contact physician immediately		

SECTION 7 – SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: May be fatal and cause blindness if ingested.
Cannot be made non-poisonous. Prolonged or repeated breathing of vapor is harmful. Use of spark-resistant tools is recommended. OTHER PRECAUTIONS: Keep away from heat, sparks, flames. Keep
Container closed. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin
or clothing. Wash thoroughly with soap and water after handling. STEPS TO BE TAKEN IN CASE
MATERIAL IS RELEASED OR SPILLED: Place leaking containers in well-ventilated area. Eliminate ignition sources. Use foam to control vapors. Flush area with water sparingly or use an absorbent to contain and/ or remove spill. Dike the spill to minimize contaminated area and to facilitate salvage and disposal. WASTE DISPOSAL METHODS: (Consult Federal, State and Local regulations). Incineration, biological treatment or dilute solution or landfill if solidified prior to disposal. Use of injections wells may provide an alternate means of disposal for compatible materials.

SECTION 8 – SPECIAL PROTECTION INFORMATION – CONTROL MEASURES			
Respiratory Protection (Specify Type): Use full-face NIOSH approved self-contained breathing apparatus (SCBA) or other air-supplying full-face respirator.			
Ventilation:	NA	Local Exhaust:	Recommended
Mechanical (General):	Not Recommended	Special:	NA Other: NA
Protective Gloves:	Neoprene or rubber gloves		
Eye Protection:	Chemical Safety goggles		
Other Protective Clothing or Equipment:	For operations where spills or splashing may occur -		
use an impervious body covering and boots. A safety shower and eye bath should be available.			
Work/Hygienic Practices:	NA		
FPPF CHEMICAL COMPANY, INC.			
117 West Tupper Street, Buffalo, NY		14201-2193	Date: January 2006 –
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AIR BRAKE CONDITIONER 2 - 2