

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

U.S. Department of Labor  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) Pyro-Chem ABC Multipurpose	Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.
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**Section I**

Manufacturer's Name PYRO-CHEM	Emergency Telephone Number (202) 483-7616
Address (Number, Street, City, State, and ZIP Code) 301 Division Street Boonton, New Jersey 07005	Telephone Number for Information (202) 483-7616
	Date Prepared Revised: January 1, 1998
	Signature of Preparer (optional) _____

**Section II – Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Monoammonium phosphate, $NH_4H_2PO_4$ (M.A.P.; ammonium phosphate monobasic) CAS No. 7722-76-1	none	none	–	90 plus
Mica CAS No. 12001-26-2		–	–	less than 5

**Section III – Physical/Chemical Characteristics**

Boiling Point not applicable	Specific Gravity ( $H_2O = 1$ ) n. a.
Vapor Pressure (mm Hg.) n. a.	Melting Point n. a.
Vapor Density (AIR = 1) n. a.	Evaporation Rate (Butyl Acetate = 1) n. a.
Solubility in Water limited	
Appearance and Odor odorless fine yellow powder	

**Section IV – Fire and Explosion Hazard Data**

Flash Point (Method Used) not combustible	Flammable Limits n. a.	LEL n. a.	UEL n. a.
Extinguishing Media not combustible			
Special Fire Fighting Procedures not combustible			
Unusual Fire and Explosion Hazards none			

**Section V – Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)  
alkaline compounds

Hazardous Decomposition or Byproducts  
ammonia generation under alkaline conditions

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI – Health Hazard Data**

Route(s) of Entry: Inhalation? **yes** Skin? **yes** Ingestion? **–**

Health Hazards (*Acute and Chronic*)  
inhalation may irritate respiratory tract;  
contact may cause irritation of skin and eyes

Carcinogenicity NTP? **no** IARC Monographs? **no** OSHA Regulated? **no**

Signs and Symptoms of Exposure  
slight to severe irritation of eyes, skin and/or respiratory tract depending upon degree and duration of exposure

Medical Conditions Generally Aggravated by Exposure  
skin sensitivity; respiratory disorder

Emergency and First Aid Procedures  
Eyes: flush with copious amount of water. Skin: wash well with water. Inhalation: remove from area of exposure. Obtain medical care for irritation, discomfort or gross ingestion.

**Section VII – Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

Waste Disposal Method  
Consult with Federal, State or local environmental regulatory agencies for acceptable disposal procedures.

Precautions to Be Taken in Handling and Storing  
Store in closed containers. Keep dry and at moderate temperatures.

Other Precautions  
Avoid contamination with alkaline materials.

**Section VIII – Control Measures**

Respiratory Protection (*Specify Type*)  
NIOSH/MSHA approved dust respirator

Ventilation	Local Exhaust when required for dust control	Special	–
	Mechanical ( <i>General</i> )	Other	–

Protective Gloves Eye Protection  
safety goggles

Other Protective Clothing or Equipment  
washing facilities

Work/Hygenic Practices  
normal care and awareness

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