

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 Regular – Stearated (BC) *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.*

Section I

Manufacturer's Name PYRO-CHEM	Emergency Telephone Number (202) 483-7616
Address (Number, Street, City, State, and ZIP Code) 301 Division Street	Telephone Number for Information (202) 483-7616
Boonton, New Jersey	Date Prepared Revised: January 1, 1998
07005	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)
Sodium bicarbonate (baking soda; NaHCO ₃) CAS No. 144-55-8	none	none	–	90 plus
Mica CAS No. 12001-26-2	20 mppcf	–	–	less than 5

Section III – Physical/Chemical Characteristics

Boiling Point not applicable	Specific Gravity (H ₂ O = 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 white 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*)
ammonium compounds; acidic compounds

Hazardous Decomposition or Byproducts
ammonia generation with ammonium compounds

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 amounts 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 ammonium compounds or acidic 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/Hygienic Practices
normal care and awareness

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