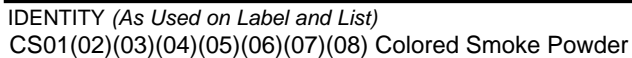


May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB. No. 1218-0072



Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the spaces must be marked to indicate that.

Manufacturer's Name Theatre Effects	Emergency Telephone Number 301-491-1387
Address (Number, Street, City, State, and ZIP Code) 642 Frederick Street	Telephone Number for Information 301-791-7646
Hagerstown, Maryland 21740-6815	Date Prepared 5/30/01
	Signature of Preparer (optional)

[illegible]

Boiling Point	350°F	Specific Gravity (H ₂ O = 1)	1.53
Vapor Pressure (mm Hg.)	<1	Melting Point	N/A
Vapor Density (AIR = 1)	1.9	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Soluble		
Appearance and Odor	Powder. Color may vary from off-white to colors.		

Flash point (Method used)	N/A - Non-flammable.	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	Water, CO ₂ , Dry Chemicals, Foam, Fog.						
Special Fire Fighting Procedures	Firefighters should use NIOSH-approved SCBA & full protective equipment when fighting a chemical fire.						
Unusual Fire and Explosion Hazards	Fire or excessive heat may cause production of hazardous decomposition products.						

Section V --- REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Humidity. Ammonium Chloride is hygroscopic.
	Stable	X		

Incompatibility (*Materials to Avoid*) Strong alkalies, strong acids, lead, silver salts. Forms explosive mixture with potassium chlorate.

Hazardous Decomposition or Byproducts Hydrogen chloride gas, ammonia.

Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	X		

Section VI --- Health Hazard Data

Route(s) of Entry: Inhalation? X Skin? X Ingestion? X

Health Hazards (*Acute and Chronic*) Inhalation: May irritate nose, throat or lungs. Skin: Prolonged contact may cause irritation.
Ingestion: Although low in toxicity, ingestion can be harmful. Eyes: May cause irritation.

Carcinogenicity: NTP? No ARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure Respiratory irritation, difficulty breathing. Skin irritation. Eye irritation.

Medical Conditions Generally Aggravated by Exposure Persons with pre-existing or impaired respiratory or eye functions may be more susceptible to effects of this substance.

Emergency and First Aid Procedures Inhalation: Remove to fresh air; if breathing is difficult, administer oxygen. Skin: Wash exposed area with soap and water. Ingestion: Give 2 glasses of water or milk. Induce vomiting. Call a physician. Give nothing by mouth if unconscious. Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally.

Section VII --- Precautions for Safe Handling and Use

Steps to Be taken in Case Material is Released or Spilled Shovel dry material into an empty container and cover. Flush residue with plenty of water. Be careful not to raise dust.

Waste Disposal Method Approved incineration in accordance with local, state and federal regulations.

Precautions to be Taken in Handling and Storing Store in a cool, dry, well-ventilated area protected from moisture and away from heat sources.

Other Precautions None.

Section VIII --- Control Measures

Respiratory Protection (<i>Specify Type</i>)		NIOSH/MSHA approved mask TC214-279	Special	None required
Ventilation Yes	Local Exhaust	X	Other	N/A
	Mechanical (<i>General</i>)	None required		
Protective Gloves		Rubber gloves.	Eye Protection	Safety glasses or splash goggles.
Other Protective Clothing or Equipment		Appropriate to provide body protection. Contact lenses should not be worn. Eye bath, safety shower.		
Work/Hygienic Practices		Use good chemical hygiene practice.		