

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)

FC31 (31D) (32) (33) (34) **Dragon's Breath**

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.

Section I

Manufacturer's Name Theatre Effects	Emergency Telephone Number 513-772-7646
Address (Number, Street, City, State, and ZIP Code) 11707 Chesterdale Road	Telephone Number for Information 513-772-7646
Cincinnati, OH 45246	Date Prepared 2/01/08
	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)
Lycopodium (Club Moss Spores • Vegetable Sulfur • Spores of Lycopodium Clavatum)	Not established	Not established	None	

Section III -- Physical/Chemical Characteristics

Boiling Point N/A	Specific Gravity (H ₂ O = 1) Not known.
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 Insoluble.	
Appearance and Odor Fine, light yellow powder. Odorless.	

Section IV -- Fire and Explosion Hazard Data

Flash point (Method used) None	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Carbon dioxide (CO₂), appropriate foam or dry chemical. Use water spray to cool fire-exposed containers.			
Special Fire Fighting Procedures Wear protective clothing and NIOSH-approved self-contained breathing apparatus. Hazardous decomposition products may be formed.			
Unusual Fire and Explosion Hazards Powdered material may form explosive dust-air mixtures. Fire or high temperatures can cause decomposition.			

Section V -- REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Fire, open flame, sparks.
	Stable	X		

Incompatibility (*Materials to Avoid*) **Strong oxidizing agents, strong acids, strong alkalis.**

Hazardous Decomposition or Byproducts **Not known.**

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

Section VI -- Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (<i>Acute and Chronic</i>)	Target organs: Eyes, skin, respiratory and GI tracts. Acute: May cause eye, skin irritation. Dust may cause irritation to respiratory tract. Harmful if ingested. May cause GI discomfort. Chronic: Unknown.					
Carcinogenicity:	NTP?	No	ARC Monographs?	No	OSHA Regulated?	No
Signs and Symptoms of Exposure	Irritation, discomfort, nausea, tearing.					
Medical Conditions Generally Aggravated by Exposure	Individuals with pre-existing skin disorders, eye problems, or impaired respiratory function may be more susceptible to the effects of this product.					
Emergency and First Aid Procedures	Get medical help if symptoms persist. Inhalation: Remove to fresh air. Provide CPR/oxygen if needed. Skin/Eyes: Immediately flush with copious amounts of water for 15 minutes. Hold eyelids open. Ingestion: If conscious, drink plenty of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.					

Section VII -- Precautions for Safe Handling and Use

Steps to Be taken in Case Material is Released or Spilled	Ventilate area. Wear protective equipment. Sweep or scoop up spilled material. Place in a suitable container for disposal. Minimize generation of dust.
Waste Disposal Method	Dispose of in compliance with local, state and federal regulations. Contract a licensed chemical waste disposal facility.
Precautions to be Taken in Handling and Storing	Store in tightly closed container, in a cool, dry place away from flame, sparks, fire and incompatibles (strong oxidizing agents, strong acids, strong alkalis).
Other Precautions	Wash thoroughly with soap and water after handling and before eating, drinking, and smoking. Keep out of reach of children. Do not take internally. Avoid breathing dust.

Section VIII -- Control Measures

Respiratory Protection (<i>Specify Type</i>)	NIOSH-approved respirator or dust mask in confined areas.	Special	None
Ventilation	Local Exhaust	X	Other
	Mechanical (<i>General</i>)	Not needed.	None
Protective Gloves	Rubber, neoprene or polyvinyl chemical resistant.	Eye Protection	Dust-resistant goggles.
Other Protective Clothing or Equipment	Eyewash fountain, safety shower, protective clothing.		
Work/Hygienic Practices	Observe good industrial hygiene practices and recommended procedures.		