

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

Product Identity: **Sanctuary 12-2-12 (#71954)**

Section I

Manufacturer's Name The Sanctuary, Inc	Emergency Telephone Number 1-970-726-4848
Address (Number, Street, City, State, and ZIP Code) P.O. Box 656 Winter Park, CO 80482	Telephone Number for Information 1-970-726-4848
	Date Prepared 3-13-2002
	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
Di-Ammonium Phosphate (DAP)				
Nuisance Dust	15 mg/m ³			
Ammonia	25 ppm as vapor			
Fluorine	2.5 mg/m ³ as vapor			
Phosphoric Acid	1 mg/m ³	1 mg/m ³		
Sulfate of Potash	Not established			
Urea	Not established			

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	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:	Partially Soluble		
Appearance and Odor:	Brown, gray granules. Mild organic odor.		

Section IV - Fire and Explosion Hazard Data

Flash Point: Not Flammable	Flammable Limits: N/A	LEL N/A	UEL N/A
Extinguishing Media:	Dry Chemical, Water		
Special Fire Fighting Procedures:	Use self-contained breathing apparatus		
Unusual Fire and Explosion Hazards:	Toxic and irritating fumes of ammonia, oxides of nitrogen, or sulfur oxides may form in fire. At extremely high temperatures, small amounts of chlorine gas may be released.		

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: Heat and open flames.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>)			
Strong acids can cause release of toxic gases.			
Hazardous Decomposition or Byproducts			
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? Yes
Health Hazards (<i>Acute and Chronic</i>) Eyes: Irritation and possible corrosion damage.			
Skin: Irritation and redness.			
Inhalation: Dust may cause coughing, sneezing, inflammation of respiratory passages.			
Ingestion: Can cause G.I. irritation, purging, weakness, and circulatory disturbances.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure			
Irritation to eyes, skin and throat			
Medical Conditions			
Generally Aggravated by Exposure Unknown			
Emergency and First Aid Procedures			
Eyes: Flush with water for 15 minutes. Get medical attention.			
Skin: Wash with soap and water. If irritation persists, get medical attention.			
Inhalation: Remove to fresh air. If discomfort persists, get medical attention.			
Ingestion: Give large amounts of water. Call Physician.			

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled
Sweep up and use for original purpose. If contaminated and unusable for original purpose, place in a closed, marked container in a secure place for disposal. Contain spills. Do not contaminate water sources.
Waste Disposal Method
Consult state, federal and local regulations for proper disposal and locations.
Precautions to Be Taken in Handling and Storing
Keep away from children. Do not store near pesticides. Store in dry place away from acids and organic material.
Other Precautions
Use only as directed on product label.

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>)		
Avoid breathing dust. Use NIOSH approved respirators.		
Ventilation	Local Exhaust Remove Dust	Special N/A
	Mechanical (General) N/A	Other N/A
Protective Gloves Rubber Gloves	Eye Protection Goggles or approved protection for the working conditions	
Other Protective Clothing or Equipment		
Coveralls		
Work/Hygienic Practices		
Wash with soap and water after application is finished.		