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.

Hazardous Components (Specific Chemical Identity; Common Name(s))

U.S. Department of Labor

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

Recommended

% (optional)



IDENTITY (As Used on Label and List) CVM-01		Note: Blank spaces are not permitted. If any item if not applicable, or no information is available, the space must be marked to indicate that.			
Section I					
Manufacturer's Name:	Carlos Velazquez	Emergency Telephone Number 240-409-1336			
Address (Number, Street, City, State, and Zip Code) NCI-FCRDC		Telephone Number for Information 301-846-5421			
P.O Box B, Bldg. 538, Rm. 225		Date Prepared: 06 / 07 / 2006			
Frederick, MD 21702-1201		Signature of Preparer (optional)			
Section II - Hazardous Ingredients/Identity Information					
_	_	Other Units			

OSHA PEL

ACGIH TLV

Section III - Physical/Chemical	Characteristics							
Boiling Point	Unknown	Specific Gravity (H ₂ O = 1): unknown	N/A					
Vapor Pressure (mm Hg.)	N/A	Melting Point	102-105 °C					
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A					
Solubility in Water	nater Not soluble							
Appearance and Odor	Pale brown needle-like crystals, sulfur-like odor							
Section IV - Fire and Explosion	Hazard Data							
Flash Point (Method Used)	N/A	Flammable Limits	LEL	UEL				
Extinguishing Media	Water spray or carbon dioxide							
Special Fire Fighting Procedures	Prevent contact with skin and mucosal membranes							
Unusual Fire and Explosion Hazards Presumed to emit toxic fumes under fire conditions								

Section V – Reactivity Data							
Stability	Unstable						
	Stable	V	At room temperature, but it is recommended to sto	ore it at 4° C			
Incompatibility (Material	ls to Avoid)		Avoid contact with strong acids	Avoid contact with strong acids			
Hazardous Decompos	ition or Byproducts		It may release small quantities of nitric oxide upon	decomposition			
Hazardous	May Occur	V	Exposure to strong acid will produce small quantities of nitric oxide				
Polymerization	Will Not Occur						
Section VI - Health	Hazard Data						
Route(s) of Entry:	Inhalation? Yes		Skin? Yes Ingestion?	Yes			
	May be harmful by skin	absorpt	ion				
Carcinogenicity:	NTP? Unknown		IARC Monographs? OSHA Regul	ated? Unknown			
Signs and Symptoms of Exposure Unknown							
Medical Conditions Unknown Generally Aggravated by Exposure							
Emergency and First A	Aid Procedures Was	sh with so	pap and water				
Section VII – Precautions for Safe Handling and Use							
Steps to be Taken in C	Case Material is Released	d or Spil	led: Wear glasses, gloves, and wash area with a mixt	ure of water-ethanol 50:50			
Waste Disposal Method: Discard as a potentially hazardous material							
Precautions to be Taken in Handling and Storing							
Store in refrigerator. Handle in fume hood.							
Other Precautions Avoid exposure to acid							
Section VIII - Control Measures							
Respiratory Protection (Specify Type) Not necessary with adequate ventilation							
Ventilation	Local Exhaust		Special				
>120 fpm	Mechanical (General) Hood			Other			
Protective Gloves	Yes		Eye Protection Yes				
Other Protective Cloth	Other Protective Clothing or Equipment Laboratory coat						
Work/Hygienic Practices Dispose of gloves after use. Wash equipment with soap and water.							