

Material Safety Data Sheet - U.S. Department of Labor

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

IDENTITY (As Used on Label and List)

Humates

(also used: humus, oxidized lignite, leonardite)

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 Mesa Verde Resources	Emergency Telephone Number (505) 362-3718 daytime, (505)771-4988 after hrs.
Address (Number, Street, City, State, and ZIP Code) P.O. Box 1368, Placitas, NM 87043	Telephone Number for Information (505) 362-3718
Date Prepared: 1/22/01	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NONE				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2.05 – 2.06
pH	3.7		
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: Slight			
Appearance and Odor: Dark reddish brown to black particles and/or dust			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Non-combustible	Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: N/A			
Special Fire Fighting Procedures: N/A			
Unusual Fire and Explosion Hazards: NONE			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid: NONE
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Urea			
Hazardous Decomposition or Byproducts; None			
Hazardous Polymerization	May Occur		Conditions to Avoid NONE
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?; YES	Skin? NO	Ingestion? YES
Health Hazards (<i>Acute and Chronic</i>): Avoid dust inhalation. Use particulate respirator.			
Safe to inject in small quantities.			
Carcinogenicity: Unknown	NTP? N/A	IARC Monographs? None Known	OSHA Regulated? No
Medical Conditions Generally Aggravated by Exposure: Emphysema, allergies or upper-respiratory illnesses			
Emergency and First Aid Procedures: Should particles get in eye, wash with approved eyewash.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Clean-up with shovel, broom & dustpan.
Waste Disposal Method: Landfill or agricultural application.
Precautions to Be taken in Handling and Storing: No special precautions
Other Precautions: None

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>): Particulate respirator		
Ventilation	Local Exhaust: If in enclosed area	Special: N/A
	Mechanical (<i>General</i>): Regular	Other: N/A
Protective Gloves: None Required		Eye Protection: Approved safety glasses – particulate hazard
Other Protective Clothing or Equipment: N/A		
Work/Hygienic Practices: Good housekeeping to minimize dust.		