

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)

MDF MINERAL GROW

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 Mineral Development Fertilizer, LLC	Emergency Telephone Number (800) 424-9300 CHEMTREC
Address (Number, Street, City, State and ZIP Code)	Telephone Number for Information 813-223-9702
4000 State Road 60 E	Date Prepared 2/17/2017
Mulberry, Fl 33860	Signature of Preparer (optional) Thorton Lab, Tampa Fl

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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No direct hazardous components are known.

Dust from product could cause eye, respiratory or gastric irritation. Wear dust masks and safety glasses / goggles when in contact and avoid ingestion.

Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	.85
Vapor Pressure (mm Hg)	N/A	Melting Point	< 100c
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water low

Appearance and Odor Yellowish tan granulars and fines. Odorless

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) Non-Flammable	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media Use media appropriate for material causing fire.

Special Fire Fighting Procedures Use standard self contained breathing apparatus. Wear standard protective clothing.

Unusual Fire and Explosion Hazards None

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None

Incompatibility (*Materials to Avoid*)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
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Health Hazards (*Acute and Chronic*) No acute health hazards. Dust may require use of dust mask and safety glasses.

Carcinogenicity None	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure No serious symptoms, dryness or temporary irritation.

Medical Conditions Generally Aggravated by Exposure None - Avoid use of contact lenses in dusty conditions.

Emergency and First Aid Procedures Wash with soap and water. Flush eyes with water if irritated.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Shovel up large spills for use or disposal, sweep small spills.

Waste Disposal Method Handle as fertilizer material. Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing Store in dry place.

Other Precautions None

Section VII—Control MeasuresRespiratory Protection (*Specify Type*) Standard respiratory for dust.

Ventilation	Local Exhaust	Open windows and doors as needed.	Special
	Mechanical (<i>General</i>)	Roof or wall exhaust as needed	Other

Protective Gloves Ordinary work gloves. Eye Protection Safety glasses as needed

Other Protective Clothing or Equipment Ordinary work clothes

Work/Hygienic Practices Follow normal hygiene practices. Wash with soap and water.