



FREDERICK SALES, LLC

Products for Agri-Business

PHONE: 800-947-8752 • FAX: 940-497-6605 • www.fredericksales.com

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)

CALPHOS

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 II—Hazardous Ingredients/Identity Information

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

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

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 ingesting.

Calphos is a natural mined mineral, used as a fertilizer material.

Chemical Family: Soft Rock Phosphate Mineral Ore. It is also known as Colloid Phosphate or Soft Phosphate with clay.

Section III—Physical/Chemical Characteristics

Boiling Point	Does Not Apply	Specific Gravity (H ₂ O = 1)	.86
Vapor Pressure (mm Hg)	Does Not Apply	Melting Point	Greater than 100° C
Vapor Density (AIR = 1)	Does Not Apply	Evaporation Rate (Butyl Acetate = 1)	Does Not Apply
Solubility in Water	Low		

Appearance and Odor: Yellowish tan granules and fines. Odorless

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Non-Flammable	Flammable Limits	N/A	LFL	N/A	UEL	N/A
---------------------------	---------------	------------------	-----	-----	-----	-----	-----

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



08-26-2010 11:01

PAGE2

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) None - Calphos is compatible with all fertilizer materials.

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? Skin? Ingestion?

Health Hazards (Acute and Chronic) No acute health hazards. Nuisance dust may require use of dust mask and safety glasses.

Carcinogenicity: N/A NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure None serious. Normal skin dryness or temporary irritation

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

Emergency and First Aid Procedures Follow good hygiene practices. Wash with soap and water.

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 up small spills.

Waste Disposal Method Handle like any fertilizer material. Dispose of in accordance with local state and federal regulations. Disposal in waterways should be avoided.

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

Other Precautions None

Section VIII - Control Measures

Respiratory Protection (Specify Type) Standard Respirator for Dust

Ventilation	Local Exhaust	<u>Open windows & doors as needed</u>	Special
	Mechanical (General)		Other
			<u>RGE or wall exhausters as needed</u>

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

Other Protective Clothing or Equipment Ordinary work clothes

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

