

MATERIAL SAFETY DATA SHEET
(MSDS)

Section 1 Company and Product Identification

Distributed by:
International Ag Labs
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Calphos™

Section 2 Hazardous Ingredients / Identity Information

Hazardous components (Specific chemical identity; common names OSHA PEL / ACGIH TLV / other limits recommended % optional)
No direct hazardous components are known. Calphos is a natural mined material, used as a fertilizer material. It is also known as Colloid Phosphate or Soft Phosphate with clay.

Formula: $\text{Ca}_3(\text{PO}_4)_2$

Section 3 Physical / Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	.85
Vapor Pressure (mm Hg)	N/A	Melting Point	> 100°
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	LOW		
Appearance & Odor	Yellowish tan granules and fines. Odorless.		

Section 4 Fire and Explosion Hazard Data

Flash Point (Method Used)	NON – FLAMMABLE
Extinguishing Media:	Water Spray
Special Fire Fighting Procedures:	Use standard self-contained breathing apparatus. Wear standard protective clothing.
Unusual Fire and Exposure Hazards:	No Acute Hazard

Section 5 Reactivity Data

Stability	STABLE	Conditions to Avoid	NONE
Incompatibility (Materials to avoid)	NONE	Hazardous Decomposition or Byproducts	NONE
Hazardous Polymerization	WILL NOT OCCUR	Conditions to avoid	NONE

Section 6 Health Hazard Data

No acute health hazards. Nuisance dust may require use of dust mask and safety glasses

Carcinogenicity:	N/A
Signs and symptoms of Exposure:	None serious. Normal Skin dryness or temporary irritation.
Medical Conditions Aggravated by Exposure:	Non – Avoid use of contact lens in dusty conditions.
Emergency and First Aid Procedures:	Follow good hygiene practices. Wash with soap and water.

Section 7 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

Trade Name: Calphos™

Section 8 Control Measures

Respiratory Protection (Specify)	Standard Respirator for dust.
Local Exhaust Ventilation	Open windows and doors as needed
Mechanical Ventilation (General)	Roof or wall exhausters as needed
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.