



FEED PRODUCTS & Service Company

SAFETY DATA SHEET

29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Monocalcium Phosphate

Product Type: Solid, (*Granular Solid*)
Feed Grade

Product Code(s): MDCP

Company: Feed Products & Service Company
11406 Gravois Rd.
St. Louis, MO 63126
PH: (314) 843-7300

Product Use(s): Feed nutritive additive.

Section 2: Hazards Identification

Hazard Pictograms:



Signal Word: Warning

Hazard Category: Serious eye damage/eye irritation Category 2

Hazard Statements: H319: Causes serious eye irritation

Precautionary Statements:
P261: Avoid breathing dust
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337+313: If eye irritation persists get medical advice/attention

Hazards not otherwise classified: May form combustible dust concentrations in air.

Section 3: Composition / Information on Ingredients

Substance Name	Hazard Category	CAS#	Weight %
Calcium bis(dihydrogenorthophosphate)	Eye Irrit Cat 2	7758-23-8	>92
calcium carbonate	Non-hazardous See Section 8.	471-34-1	< 8



silica, total	See Section 8.	14808-60-7	<0.1
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Section 4: First Aid Measures

General Info: Creation of excessive dusts may result in exposures to mineral dusts (See section 8).

Notable Exposure symptoms: No specific notable exposure symptoms.

If ingested: Rinse mouth. Drink plenty of water. Consult medical attention if any symptoms develop.

If inhaled: Remove to fresh air. Observe for breathing difficulties. Consult medical advice if asthma-like symptoms develop.

Eye contact: Rinse eyes with water. Remove contacts if present. Consult medical advice if irritation persists.

Skin contact: Rinse with water. Consult medical advice if irritation develops.

Additional Info: No further information.

Section 5: Fire Fighting Measures

General Info: This product may generate dusts. Combustible dust concentrations in air can develop in high concentrations. Ensure adequate ventilation.

Extinguishing Method / Equipment: Isolate area and ensure ventilation. Water spray, CO₂, and/or inert foam.

Hazardous Decomposition Info: Constituents associated with burning / combustion are to be considered hazardous. Utilize product where ventilation is adequate.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Material can be scooped up and placed in receptacle for disposal. If excessive dusts are created, control any obvious ignition sources. Ensure area is properly ventilated.

Containment Equipment and Procedures: Material can be stored in the original receptacle. Spilled material can be swept up, with an emphasis on dust minimization.

Cleanup Procedures: No specific measures.



Section 7: Handling and Storage

Safe Handling Ensure adequate ventilation.

Precautions:

Recommendations for Storage: Store in product packaging until usage is warranted.

Storage:

Incompatibilities: Store away from strong acids or oxidizing agents. Refer to Section 10.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Local exhaust ventilation should be utilized to control dusts.

Controls:

Work Clothing: Protective work clothing that prevents skin contact is suggested.

Eye/face protection: Utilize eye protection if eye contact is likely.

Skin Protection: Utilize work gloves as needed.

Respiratory Protection: If excessive dusts are created in confined environments, utilize dust mask or other respiratory protection as required to control exposure limits. See Exposure Limits below.

Additional Information: Observe good chemical hygiene practices.

Information:

Substance Name	OSHA PEL	ACGIH-TLV
calcium carbonate	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	10 mg/m ³
nuisance particulate	15 mg/m ³	10 mg/m ³ (dust)
Silica	R: (10mg/m ³) / (%SiO ₂ + 2) T: (30 mg/m ³) / (%SiO ₂ + 2) TWA	R: 0.025 mg/m ³

Section 9: Physical and Chemical Properties

State: Powder **Melting Point:** NA

Freezing Point: NA



Color: White powder

Boiling Point/Range: NA

pH NA

Bulk Density: 750 kg/m³

Odor: odorless

Water Solubility: Partial

Evaporation rate: NA

Flash Point: NA / >100C

Part. Coeff NA (n-oct/water)

Section 10: Stability and Reactivity

General: Product is stable under normal conditions.

Incompatible materials: No specified materials.

Decomposition products: No decomposition products known. Constituents associated with burning may be harmful.

Section 11: Toxicological Information

Toxicological Information (product): LD50 oral >5,000 mg/kg. (Calcium phosphate 17,500 mg/kg, oral rat)

Likely Routes of Exposure: Eye contact, inhalation of dust

Irritation: Excessive contact may result in irritation of eyes, skin, or mucous membranes.

Carcinogenicity or mutagenicity: Product is not a carcinogen or mutagen.

Sensitization: Product is not a sensitizer.

Section 12: Ecological Information

General information: Product not tested. Not expected to pose an environmental hazard.

Aquatic toxicity: Not expected to have appreciable aquatic toxicity characteristics.

Degradation / Mobility info: No specific data available.

Bioaccumulative potential: No specific data available.

Section 13: Disposal Information



Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: No further information.

Section 14: Transport Information

DOT: Product is not classified as dangerous goods.

Section 15: Regulatory Information

TSCA: All components listed on the TSCA 8(b) inventory.

CERCLA RQ: Not applicable.

SARA 313 Not applicable.

California Prop 65 Product contains low levels of silica.

Substances:

Section 16: Other Information

SDS Author: Feed Products and Service Company
Quality Control Coordinator

Version Date: 7/27/2016

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