

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M70210

Trade Name: Feed Grade Monocalcium Phosphate
Registration No: None

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company
P.O. Box 70013
Boise, ID 83707
Product Name: Feed Grade Mono Calcium Phosphate 21P
Common Name: Monocalcium Phosphate 21P
Chemical Type: Salt

Emergency Phone - Chemtrec: 1-800-424-9300

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None					
			Non-Hazardous		
Monocalcium Phosphate	7757-93-9	CaHPO ₄	92%	10 mg/m ³ Nuisance Dust	Not available
Other non-hazardous ingredients	--	--	8%		Not available

SECTION 3 HAZARDS IDENTIFICATION

Ingestion: Non-toxic. No information listed.
Inhalation: May cause aggravation in a dusty environment.
Eye Contact: May cause minor abrasions.
Skin Absorption: Not considered a normal route of entry.
Skin Contact: May cause minor local discomfort with prolonged contact.
Effects of Overdose: None listed.

SECTION 4 FIRST AID MEASURES

Ingestion: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Call a physician.
Inhalation: Dust may cause slight aggravation which will disappear at end of exposure. Seek medical attention if condition persists.
Eyes: Flush eyes with running water for 15 minutes. If condition persists, seek medical attention.
Skin: Wash skin with mild soap and water. Seek medical attention if condition persists.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use media suitable to extinguish source of fire.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: PO_x gas given off when decomposing at high temperature.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Do not contaminate waterways or any body of water by direct application, cleaning of equipment or disposal.
Steps to be taken in case material is released or spilled:
Sweep up and scoop into container for use or recycle. Can be used as a fertilizer by following good agronomic practices.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Prevent spillage and use good personal hygiene and work practices.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation.
Respiratory Protection: Dust masks in a dusty environment.
Protective Clothing: Normal work clothing.
Eye Protection: Safety glasses with side shields or goggles in a dusty environment.
Other: Eyewash fountain.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Density:	55-62 lb/ft ³	% Volatiles (by volume):	Not applicable
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	Not applicable	Reaction with Water:	None
Appearance:	Light gray granules.		
Extinguishing Media:	Non-flammable. Use media suitable to extinguish source of fire.		

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SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: Not applicable
Incompatibility (Material to Avoid): None listed
Hazardous Decomposition Products: PO_x gas
Hazardous Polymerization: Will not occur

SECTION 11

TOXICOLOGY INFORMATION

None listed.

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: If disposal is necessary, consult local state and federal regulations.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Not regulated by D.O.T.	C.A.S. Number:	7790-76-3
Hazard Class:	None	D.O.T. Number:	None
Reportable Quantity (RQ):	None	Haz Waste No:	None
Labels Required:	None	EPA Regist No:	None
Placard:	None		

SECTION 15

REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the 302 list of SARA reportable quantities.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	Non-flammable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

Hazard Rating (N.F.P.A.): Health: 2 Fire: 0 Reactivity: 0 Specific: Not applicable
This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association (N.F.P.A.).

MSDS Version Number: 5

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