

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: Feed Grade Monocalcium Phosphate 21P  
Registration No: None

M70210

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company  
P.O. Box 70013  
Boise, ID 83707  
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: Feed Grade Mono Calcium Phosphate 21P  
Common Name: Monocalcium Phosphate 21P  
Chemical Type: Salt

#### 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	7758-23-8	Ca(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub>	92%	10 mg/m <sup>3</sup> Nuisance Dust	15 mg/m <sup>3</sup>
Other non-hazardous ingredients	--	--	8%		

#### 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<sub>x</sub> 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 <sup>3</sup>	% 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.		

Trade Name: Feed Grade Dicalcium Phosphate 21P  
Registration No: None

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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<sub>x</sub> 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: 6 (revisions made to Section 2)

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Reviewed by: Environmental, Health, & Safety Department  
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