

**Material Safety Data Sheet**  
**J. R. Simplot Company**  
**AgriBusiness**

Trade Name: Gypsum (Phosphatic)  
Registration No: None

M16050

**SECTION 1**

**CHEMICAL PRODUCT AND COMPANY INFORMATION**

**Manufacturer or Formulator:** J.R. Simplot Company  
P.O. Box 912  
Pocatello, ID 83204  
**Emergency Phone - Chemtrec:** 1-800-424-9300

**Product Name:** Gypsum (Phosphatic)  
**Common Name:** Gypsum, Calcium Sulfate Dihydrate  
**Chemical Type:** Salt

**SECTION 2**

**COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None listed					
			<b>Non-hazardous</b>		
Gypsum	10101-41-4	(CaSO <sub>4</sub> ·2H <sub>2</sub> O)	85	10 mg/M <sup>3</sup> - Nuisance Dust	15 mg/m <sup>3</sup> - total dust
Other non-hazardous ingredients			15	Not listed	Not listed

**SECTION 3**

**HAZARDS IDENTIFICATION**

**Ingestion:** Non-toxic.  
**Inhalation:** May cause slight discomfort.  
**Eye Contact:** May cause slight discomfort to eyes.  
**Skin Absorption:** Not absorbed through the skin.  
**Skin Contact:** May cause slight abrasion with prolonged contact.  
**Effects of Overdose:** None listed.

**SECTION 4**

**FIRST AID MEASURES**

**Ingestion:** If large amount ingested, give 2-3 glasses of water and call a physician.  
**Inhalation:** May cause discomfort to respiratory tract. Remove to fresh air. Seek medical attention if condition persists.  
**Eyes:** Flush eyes with fresh running water to remove dust. Seek medical attention if condition persists.  
**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:** None

**SECTION 6**

**ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions:** Low toxicity to aquatic life. Keep out of waterways and bodies of water, do not contaminate 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, future use or disposal. May be used as a fertilizer following good agronomic practices.

**SECTION 7**

**HANDLING AND STORAGE**

**Precautions to be taken in handling and storing:**  
Use normal good work procedures and good personal hygiene.

**SECTION 8**

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation Protection:** Natural ventilation.  
**Respiratory Protection:** Wear a dust mask in a dusty environment.  
**Protective Clothing:** Normal clean work clothing.  
**Eye Protection:** Safety glasses with side shields or goggles in a dusty environment.  
**Other:** Eyewash fountain.

**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	Not applicable (solid)	<b>Solubility in Water:</b>	0.3 g/100 g of H <sub>2</sub> O @ 122°F
<b>Density:</b>	Approx. 74 lbs/ft <sup>3</sup>	<b>% Volatiles (by volume):</b>	Not applicable
<b>Flashpoint:</b>	Non-flammable	<b>Vapor Pressure, mm Hg:</b>	Not applicable
<b>pH:</b>	None listed	<b>Reaction with Water:</b>	None
<b>Appearance:</b>	White to dark gray powder or granules.		
<b>Extinguishing Media:</b>	Use media suitable to extinguish source of fire.		

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**SECTION 10**

**STABILITY AND REACTIVITY**

Stability (Normal Conditions): Stable  
Conditions to Avoid: None listed  
Incompatibility (Material to Avoid): None listed  
Hazardous Decomposition Products: SO<sub>x</sub> gas when decomposing.  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: Not applicable

**SECTION 11**

**TOXICOLOGY INFORMATION**

Inhalation: ihl-hmn TCLo: 194 gm/M<sup>3</sup>/10Y-I:PUL.

**SECTION 12**

**ECOLOGICAL INFORMATION**

None listed.

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

Waste Disposal Procedures: Consult local authorities.

**SECTION 14**

**TRANSPORT INFORMATION**

Shipping name:	Not regulated by D.O.T.	C.A.S. Number:	10101-41-4
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 reportable quantities.

**SECTION 16**

**OTHER INFORMATION**

Flash Point (Test Method):	Not Applicable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not Applicable	(% BY VOLUME)	N/A	N/A
Hazard Rating (N.F.P.A.):	Health: 0	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: 3 (revisions to Section 15)

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