



Safety Data Sheet

GYP SUM SOIL CONDITIONER

Section 1: IDENTIFICATION

- 1.1 Product Name:** Gypsum Soil Conditioner
- 1.2 Other Identification:** None
- 1.3 Recommended Use of Chemical:** Agricultural amendment and soil conditioner
- 1.4 Distributor:** Fertilizer Company of Arizona, Inc.
2850 South Peart Road
Casa Grande, AZ 85193-9024
- 1.5 Emergency Contact:** (928) 783-3803

Section 2: HAZARD(S) IDENTIFICATION

- 2.1 Signal Word:** Warning
- 2.2 Hazard Classification:** Specific Target Organ Toxicity (Single Exposure), Category 3
- 2.3 Symbol(s):**



- 2.4 Hazard Statement(s):** May cause respiratory irritation.

2.5 Precautionary Statement(s):

Prevention:

Avoid breathing dust.
Use only outdoors or in a well-ventilated area.

Response:

If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison control center or doctor if you feel unwell.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal:

Dispose of contents/container according to SDS and the product label.

Section 3: COMPOSITION/INFORMATION on INGREDIENTS

3.1 Chemical Ingredients: (See Section 8 for exposure guidelines)

Chemical	CAS No.	% by Wt.
Gypsum	10101-41-4	90-95
Limestone	1317-65-3	<2
Calcium lignosulfonate	8061-52-7	1-5



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Section 4: FIRST AID MEASURES

4.1 Signs and Symptoms of Short Term (Acute) and Long Term (Chronic) Exposure:

- Eyes: Irritating to eyes.
- Inhalation: Irritating to mucous membranes and upper respiratory system, coughing, sneezing, rhinorrhea (discharge of thin nasal mucous), nosebleed.
- Skin: Irritating to skin.
- Ingestion: GI blockage if material hardens.

4.2 Conditions Aggravated by Overexposure: None known.

4.3 First Aid

If inhaled:	Move person to fresh air.
	If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
	If irritation persists, get medical attention.
If swallowed:	Call a poison control center or doctor for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to do so by the poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
If on skin or clothing:	Take off contaminated clothing.
	Rinse skin immediately with plenty of water for 15-20 minutes.
	If irritation persists, get medical attention.
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
	If irritation persists, get medical attention.
Notes to Physician: None known.	
Have the product container or label with you when calling a poison control center or doctor or going to treatment.	
For emergencies, call the poison control center: 1-800-222-1222	

Section 5: FIRE FIGHTING MEASURES

5.1 Flammable Properties: Non-flammable

5.2 Extinguishing Media: Product is not combustible. Extinguishing agent suitable for surrounding fire.

5.3 Fire Fighting Instructions: None.

5.4 Unusual Fire and Explosion Properties: No specific fire or explosion hazard.

5.5 Hazardous Combustion Products: Above 1450° C, this product can produce sulfur dioxide and calcium oxide (SO₂ and CaO).



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Section 6: ACCIDENTAL RELEASE MEASURES

- 6.1 In Case of Spill or Leak:** Avoid breathing dust. Keep unnecessary personnel from entering spill area. Prevent product spillage from entering drinking water supplies or streams. Vacuum or sweep up material. Minimize dust generation. Place in a designated and labeled waste container. Suitable protective equipment should be worn during any spill cleanup operation.
- 6.2 Disposal:** Dispose according to Section 13 and product label.

Section 7: HANDLING and STORAGE

- 7.1 Handling:** Avoid breathing dusts. Avoid contact with eyes, skin and clothing. Keep out of reach of children. Prohibit eating, drinking and smoking around this product. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash contaminated clothing before re-use. Do not contaminate feed and foodstuffs. Minimize dust generation.
- 7.2 Storage:** Store in original container in a cool, dry and well-ventilated place. Minimize dust generation and accumulation. Keep container tightly closed and sealed until ready for use. Store away from children, feed and food products and away from incompatible materials. Do not contaminate water, food or feed by storage or disposal.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Guidelines:

Chemical	OSHA PELs	ACGIH TLVs
Gypsum	7 mg/m ³ (respirable)	3 mg/m ³ (respirable)
	18 mg/m ³ (total)	10 mg/m ³ (inhalable)

- 8.2 Engineering Controls:** Minimize airborne dust concentrations. No specific controls needed. Ventilate to keep airborne concentrations below exposure limits.
- 8.3 Eye/Face Protection:** Wear safety eyewear.
- 8.4 Skin Protection:** Wear protective clothing: long sleeves and pants, chemical-resistant shoes with socks. Wear rubber or chemical-resistant gloves. Disposable particulate coveralls may be used when conditions warrant.
- 8.5 Respiratory Protection:** Wear MSHA/NIOSH-approved respirator, if required.
- 8.6 General Hygiene:** Wash hands, arms, face thoroughly after handling product before eating, smoking and using the toilet. Wash contaminated clothing before reusing. A safety shower or eye wash station should be present.



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Section 9: PHYSICAL and CHEMICAL PROPERTIES

9.1	Appearance:	Light gray granules
9.2	Odor:	Odorless
9.3	Odor Threshold:	Not determined
9.4	pH:	7.0-8.2
9.5	Melting Point/Freezing Point:	Not determined
9.6	Boiling Point:	Not determined
9.7	Flash Point:	Not determined
9.8	Evaporation Rate:	Not determined
9.9	Flammability:	Not determined
9.10	Upper/Lower Flammability Limits:	Not determined
9.11	Vapor Pressure:	Not determined
9.12	Vapor Density:	Not determined
9.13	Bulk Density:	Not determined
9.14	Specific Gravity:	2.19 g/cc
9.15	Solubility (in water):	Not determined
9.16	Partition Coefficient:	Not determined
9.17	Auto-ignition Temperature:	Not determined
9.18	Decomposition Temperature:	1450° C
9.19	Viscosity:	Not determined

Section 10: STABILITY and REACTIVITY

10.1	Stability:	Stable under normal storage and handling conditions.
10.2	Hazardous Polymerization:	Will not occur.
10.3	Conditions to Avoid:	None known.
10.4	Hazardous Decomposition:	No hazardous decomposition up to 1450° C. Above 1450° C, it could decompose to calcium oxide (CaO) and release sulfur dioxide (SO ₃) and various carbon oxides.
10.5	Incompatible Materials:	Strong oxidizers, strong acids, aluminum (at high temperatures), diazomethane.

Section 11: TOXICOLOGICAL INFORMATION

11.1	Target Organs:	None determined
11.2	Routes of Exposure:	Inhalation, ingestion, skin and eye contact
11.3	Toxicological Data:	
	Acute Oral LD ₅₀ :	No specific data
	Acute Dermal LD ₅₀ :	No specific data
	Acute Inhalation LC ₅₀ :	No specific data
	Eyes:	No specific data



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Skin: No specific data
Skin Sensitization: No specific data
Inhalation: No specific data
Ingestion: No specific data

- 11.4 Carcinogenic Status:** No known significant effects or critical hazards.
- 11.5 Reproductive Effects:** No known significant effects or critical hazards.
- 11.6 Teratogenicity:** No known significant effects or critical hazards.
- 11.7 Mutagenicity:** No known significant effects or critical hazards.

Section 12: ECOLOGICAL INFORMATION

Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water by discharge of waste effluents or equipment wash waters.

Section 13: DISPOSAL CONSIDERATIONS

Wastes should be avoided or minimized when possible. Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. Dispose of all wastes according to federal, state and local regulations.

Section 14: TRANSPORT INFORMATION

Not regulated in transportation for DOT.

Section 15: REGULATORY INFORMATION

- 15.1. OSHA:** This material has classified according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- 15.2 CERCLA Reportable Quantity (RQ):** Not applicable
- 15.3 SARA Title III:**
 - Extremely Hazardous Substance Notification (Sec 302): Not listed
 - Hazard Categories (Sec 311/312): Not listed
 - Toxic Chemicals Notifications (Sec 313): Not listed
- 15.4 CA Proposition 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16: OTHER INFORMATION

NFPA:	1	HMIS:	1	0	Least
	0		0	1	Slight
	0		0	2	Moderate
				3	High
				4	Severe



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SDS Preparation Date: 07/06/2016

Revision Date:

Revision Reason:

FURTHER INFORMATION:

The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.