

1. Identification

Product identifier: SmartBlend™ Rizen™ 7-28-3

Recommended use: Fertilizer

Company: Fertizona Casa Grande LLC
2850 South Peart Road
Casa Grande, Arizona 85193-9024
520-836-7477
www.fertizona.com

In case of emergency call: Infotrac: 800-535-5053

2. Hazards Identification

Signal word: Warning

Classification:

Health	Environmental	Physical
Skin irritation – Cat 2 Eye irritation – Cat 2B Specific Target Organ Toxicity (Single Exposure) Respiratory Tract – Cat 3	Not applicable	

Pictogram:



Hazard Statements:

Causes skin irritation.

Causes eye irritation.

May cause respiratory irritation.

Precautionary Statements:

Prevention: Wash hands and skin thoroughly after handling.

Wear protective gloves.

Avoid breathing mist, vapors or spray.

Use only outdoors or in well-ventilated area.

Response: If on skin: Wash with plenty of water.

Refer to specific treatment on label.

If irritation occurs, get medical attention.

Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If inhaled: Call poison control center or doctor if you feel unwell.

Absorb spillage to prevent material damage.

Storage: Store in well-ventilated place. Keep container tightly closed.

Store locked up.

Store in corrosive-resistant container or container with a resistant inner liner.

Disposal: Dispose of contents/container according to label directions and local, state and federal regulations.

3. Composition/Information on Ingredients

This is a blended product that contains the products listed below:

Chemical Ingredients:	CAS #:	%
Ammonium Polyphosphate	68333-79-9	60-65
Phosphoric Acid, 0-52-0	7664-38-2	5-10
Potassium Hydroxide	1310-58-3	5-10

4. First Aid Measures

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.
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 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 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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
For emergencies, call the poison control center 1-800-222-1222.	

Signs and symptoms of short term (acute) and long term (chronic) exposure:

Eyes:	Causes eye irritation.
Skin:	Causes skin irritation.
Inhalation:	May cause respiratory irritation.
Ingestion:	May cause stomach cramps and/or nausea.

Conditions aggravated by overexposure: Pre-existing eye, skin and respiratory disorders.

5. Fire Fighting Measures

Extinguishing media:	Use medium appropriate to surrounding fire. Dry chemical, CO ₂ , foam, water spray or fog.
Firefighting instructions:	Wear self-contained breathing apparatus and full protective gear. Avoid smoke inhalation. Remain upwind. Contain any liquid runoff.
Hazardous decomposition products:	In a fire, hazardous gases may be formed.
Flammable properties:	Not flammable.
Unusual fire and explosion properties:	None known

6. Accidental Release Measures

In case of spill or leak:	Avoid breathing vapors or mists. Stop the flow and/or dike the spilled material, if possible. Absorb in vermiculite, dry sand or earth. Place into container. Cover and label container. Prevent product spillage from entering drinking water supplies or streams. Dispose in accordance with federal, state, and local regulations.
Disposal:	Dispose according to Section 13 and product label.

7. Handling and Storage

- Handling: Keep out of reach of children. Avoid contact with eyes, skin, and clothing. Avoid inhalation. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if fertilizer gets inside. Wash thoroughly after handling and put on clean clothing. Do not contaminate feed and foodstuffs. Do not reuse container, rinse thoroughly before discarding.
- Storage: Store in a cool dry place away from children, feed and food products, and seed. Do not contaminate water, food or feed by storage or disposal.

8. Exposure Controls and Personal Protection

- Ventilation measures: Use adequate ventilation.
- Respiratory protection: Not normally required, if vapors or mists exceed acceptable levels, wear a NIOSH approved respirator.
- Skin protection: Wear protective clothing: long sleeves and pants, chemical-resistant shoes with socks. Wear rubber or chemical-resistant gloves.
- Eye/face protection: Wear safety glasses with side shields or safety goggles to prevent eye contact.
- General hygiene: May cause irritation of eyes, skin or respiratory system. Avoid inhalation or contact with eyes, skin and clothing. Wash hands, arms, face and all contaminated feed or food items. Apply this product only as specified on this label and only to intended treatment areas.

Permissible exposure levels:

Ingredient:	OSHA PEL	ACGIH TLV
Phosphoric acid	----	1 mg/m ³ (TWA) 3 mg/m ³ (STEL)
Potassium hydroxide	----	2 mg/m ³ (CEILING)

9. Physical and Chemical Properties

- Appearance: Light Green
- Odor: Salty sulfury
- Odor threshold: N/Av
- pH: 6.5-7.1
- Melting point/Freezing point: N/Av
- Initial boiling point and boiling range: N/Av
- Flash point: N/Av
- Evaporation rate: N/Av
- Flammability: N/Av
- Upper/lower flammability and explosive limits: N/Av
- Vapor pressure: N/Av
- Vapor density (air = 1): N/Av
- Bulk density: 11.3 lbs/gallon
- Specific gravity (water = 1): 1.35
- Solubility(ies): N/Av
- Partition coefficient (n-octanol/water): N/Av
- Auto-ignition temperature: N/Av
- Decomposition temperature: N/Av
- Viscosity: N/Av

N/Av = Not available

N/Av = Not applicable

10. Stability and Reactivity

Stability: Stable under normal storage and handling conditions.
Hazardous polymerization: Will not occur.
Conditions to avoid: Metals other than stainless steel. Extreme high or low temperatures.
Hazardous decomposition: Fire may produce corrosive or toxic vapors.
Incompatible materials: Corrosive to metals.

11. Toxicological Information

Target organs: Eyes, skin, respiratory system
Routes of exposure: *Skin & Eyes: YES Inhalation: YES Skin absorption: NO Ingestion: YES*
Toxicological data:
Acute Oral LD₅₀: Not established
Acute Dermal LD₅₀: Not established
Acute Inhalation LC₅₀: Not established
Eyes: Causes eye irritation.
Skin: Causes skin irritation.
Skin sensitization: Not established
Inhalation: May cause respiratory irritation.
Ingestion: Not established

Carcinogenic status: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive effects: Not established
Teratogenicity: Not established
Mutagenicity: Not established

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.

13. Disposal Consideration

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. Completely empty contents into application equipment. Dispose of container in a sanitary landfill or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. Transportation Information

DOT: Not Regulated in Transportation for DOT.

15. Regulatory Information

OSHA: This material is classified according to OSHA regulations (29CFR 1910.1200).

SARA TITLE III:

Extremely Hazardous Substance Notification (Sec. 302): Not listed
Hazard Categories (Sec. 311/312): Immediate (acute) health hazard
Toxic Chemicals Notifications (Sec. 313): Not listed

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

CERCLA Reportable Quantity (RQ): Not applicable

16. Other Information

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

Fertilizer Company of Arizona, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. While the information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products, or information may be used without infringing the intellectual property rights of others. In no case shall the information provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the information furnished by our company hereunder are given gratis and we assume no obligation or liability for the information given or results obtained, all such being given and accepted at your risk.

SDS Preparation Date: 02/14/2020

Revision Date: ----

Revision Reason: ----