

# Safety Data Sheet

## Section 1 Product Information

Product Name: 5-5-5 STD, RYZIN, PGA, 4% FE, 71% TOP CUT PLANT STARTER, (NLA) 6.5 LB. JUG 216/PLT Pro  
Natural Alternative, Inc. 888-546-5941  
1 East Church Street  
Frederick, MD 21701

Product Use: Granular blended fertilizer for general horticulture use.  
Not recommended for: Not recommended for use in or around bodies of water.

## Section 2 Hazards

### GHS Ratings:

Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days

### GHS Hazards

H319

### GHS Precautions

P264 Wash ... thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P337+P313 If eye irritation persists, get medical advice/attention

Signal Word: Warning



## Section 3 Composition

Chemical Name	CAS number	Weight Concentration %
Iron Oxide	1309-37-1	
Bio-solids	308066-19-5	
Sulfate of Potash	7778-80-5	
Ammonium Sulfate	7783-20-2	
Monoammonium Phosphate	7783-28-0	

## Section 4 First Aid

**Inhalation:** Remove to fresh air, if irritation of lungs persists contact physician.  
**Eye Contact:** Flush eyes with plenty of water for 15 minutes. Contact physician if irritation persists.

**Skin Contact:** Wash with soap and water. Contact physician if irritation persists.  
Drink plenty of water and contact physician.  
**General Advice:** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Most important symptoms and affects, both acute and delayed:** Aside from the information found under Section 4 First Aid and Indication of immedial

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

## Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL:

**Suitable extinguishing media:** Water fog of fine spray. Dry Chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

**Unsuitable extinguishing media:** None.

**Special hazards arising from the substance or mixture**

**Hazardous combustion products:** During a fire, smoke may contain the original material in addition to combustion products of varying composition whi

**Unusual Fire and Explosion Hazards:** Container may melt from gas generation in a fire situation Pneumatic conveying and other mechanical handling

**Special Fire Fighting Procedures:** Protect eyes and skin from contact with smoke. Wear self contained breathing apparatus when fighting fires. Keep all nonessential personnel upwind form smoke. Contain runoff waters and consult with your local environmental agencies before disposal.

## Section 6 Accidental Release Measures

**Cleanup procedures:** Sweep spill, repackage in labeled container and reuse.

## Section 7 Handling and Storage

**Precautions for safe handling:** Keep out of reach of children. Do not swallow. Avoid breathing dust or mist. Avoid contact with eyes, skin, and clothing. I

**Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other fertilizers, food, or feed. Store in original containers and out of the reach of children, preferably in a locked storage area.

## Section 8 Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Iron Oxide 1309-37-1	10 mg/m <sup>3</sup>	Not Established	Not Established
Bio-solids 308066-19-5	Not Established	Not Established	Not Established
Sulfate of Potash 7778-80-5	Not Established	Not Established	Not Established
Ammonium Sulafte 7783-20-2	Not Established	Not Established	Not Established
Monoammonium Phosphate 7783-28-0	Not Established	Not Established	Not Established

Section 9 Physical Properties

<p><b>Appearance</b> Blend of granular pellets.</p> <p><b>Physical State</b> Solid Granular</p> <p><b>Lbs VOC/Gallon Less Water</b> 0.00</p>	<p><b>Odor</b> Slightly earthy</p> <p><b>Specific Gravity (SG)</b> 1.000</p>
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Section 10 Stability and Reactivity

STABLE

**Incompatibilities:** None known.

Not Applicable

**Hazardous Decomposition:** Not established.

Not Applicable

Hazardous polymerization will not occur.

Section 11 Toxicological Information

**Mixture Toxicity**

**Component Toxicity**

**Routes of Entry:** Skin and eye. May irritate open sores and wounds. May cause temporary eye irritation.

Not Applicable

Not Applicable

**Effects of Overexposure**

CAS Number

Description

% Weight

Carcinogen Rating

None

Not Applicable

Section 12 Ecological Information

**Component Ecotoxicity**

Section 13 Disposal Considerations

**Product Disposal:** Reuse product if possible. May be placed in household waste.

**Container Disposal:** Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available.

Section 14 Transportation

Technical shipping name:..... Not regulated.

Proper shipping name:..... Not regulated.

Hazard Class or Division:..... Not regulated.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	Not Applicable			

Section 15 Regulations
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This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
USA	SARA Title III Not listed	No
USA	TSCA All listed or exempted	No

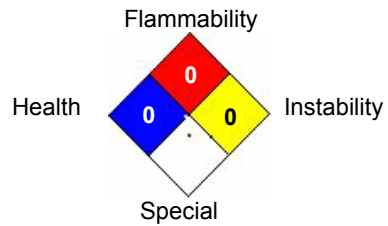
Section 16 Other Information
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**Hazardous Material Information System (HMIS)**

HEALTH	<input type="text" value="0"/>
FLAMMABILITY	<input type="text" value="0"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

**HMIS & NFPA Hazard Rating Legend**  
 \* = Chronic Health Hazard  
 0 = INSIGNIFICANT  
 1 = SLIGHT  
 2 = MODERATE  
 3 = HIGH

**National Fire Protection Association (NFPA)**



The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

Reviewer Revision

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