



SUPER PHOSPHORIC ACID 0-68-0

GUARANTEED ANALYSIS

AVAILABLE PHOSPHATE (P ₂ O ₅).....	68.00%
Molybdenum (Mo).....	0.001%
Derived from phosphoric acid.	
Weight per gallon: 16.63 lbs. @ 68°F (20°C)	

KEEP OUT OF THE REACH OF CHILDREN
DANGER
MAY BE CORROSIVE TO METALS. HARMFUL IF SWALLOWED OR IN CONTACT WITH SKIN. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

PRECAUTIONARY STATEMENTS: Do not breathe fumes / gas / mist / vapors / spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Call a poison center / doctor if you feel unwell. For specific treatment see supplemental First Aid instruction in section 4 of the Safety Data Sheet.

PERSONAL PROTECTIVE EQUIPMENT: Wear protective gloves / protective clothing / eye protection / face protection. Take off contaminated clothing and wash it before reuse.

FIRST AID: Immediately call a poison center / doctor. **IF SWALLOWED** Rinse mouth. Do NOT induce vomiting. Call a poison center / doctor if you feel unwell. **IF ON SKIN OR HAIR** Take off immediately all contaminated clothing. Rinse skin with plenty of water / shower. Wash contaminated clothing before reuse. **IF INHALED** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

STORAGE AND DISPOSAL: STORAGE Keep only in original container. Store locked up. Store in corrosive resistant container with a resistant inner liner. **DISPOSAL** Absorb spillage to prevent material damage. Dispose of contents / container in accordance with local / regional / national regulations.

PHYSICAL CHARACTERISTICS

Total P ₂ O ₅	68.00%
Polyphosphates (% of total P ₂ O ₅).....	24.00%
Potassium (K ₂ O).....	0.14%
Sulfate (SO ₄)	3.50%
Calcium (CaO).....	0.01%
Aluminum (Al ₂ O ₃).....	1.60%
Iron (Fe ₂ O ₃)	1.00%
Magnesium (MgO).....	0.20%
Specific Gravity @ 75°F	1.99
Weight (lbs./gal.) @ 68°F	16.63
P ₂ O ₅ per gallon (lbs.) @ 75°F.....	11.40
Gallons per ton @ 75°F.....	121.10
P ₂ O ₅ per ton (lbs.) @ 75°F.....	1380.00
Viscosity @ 75°F (CPS).....	1600.00
Viscosity @ 100°F (CPS).....	700.00
Viscosity @ 150°F (CPS).....	270.00

J.R. SIMPLOT COMPANY

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Guaranteed By

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IN CASE OF AN EMERGENCY CALL CHEMTREC 1-800-424-9300

CONSTRUCTION OF STORAGE & TRANSFER EQUIPMENT

1. Tanks and vessels: Rubber lined or glass coated mild steel is adequate for storage of Super Phosphoric Acid at temperatures below 200°F. For acid temperatures between 200°F and 300°F, 316 stainless steel is adequate in most applications. For high temperature service above 300°F, alloy 20 or Hastelloy "G" alloys are recommended.
2. Pumps, valves, and piping: 316 stainless or other suitable alloys are recommended for pump internals, valves, and piping.

COMPATIBILITY

1. Simplot® Super Phosphoric Acid 0-68-0 is compatible with most other fertilizer materials. Direct mixing with aqua or anhydrous ammonia or other strongly basic materials should be avoided except under controlled conditions in proper vessels, containers, or process equipment. Do not mix with materials containing nitrates, such as UAN-32.

USES

1. Simplot® Super Phosphoric Acid 0-68-0 is commonly combined with anhydrous ammonia to produce ammonium polyphosphate solutions; both neutral solutions (10-34-0, 11-37-0, etc.) and suspension fertilizers.
2. For specific crop recommendations, see your local distributor.

ADVANTAGES

1. The high polyphosphate content helps to maintain other elements in solution, reducing sludge that causes problems with fertilizer through handling and application equipment.
2. All of the phosphate is water soluble; the form that is utilized by crops most efficiently.

ATTENTION: Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.



ATTENTION: This product can expose you to chemicals including cadmium which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

DISCLAIMER OF WARRANTIES J.R. Simplot Company warrants that the composition of this product conforms to the description and is reasonably fit for the purpose as stated on the label only when used in accordance with label directions under normal conditions of use. This warranty is expressly in lieu of all other warranties and representations expressed, implied, or statutory, including warranties of merchantability and fitness for a particular use. Timing, rate and method of application, weather and crop conditions, and mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees that, in the event of damages resulting from, but not limited to, weather or soil conditions, presence of other materials, or failure to follow label directions, responsibility will be assumed by the buyer or user; and to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

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