



SUPER PHOSPHORIC ACID 0-68-0

GUARANTEED ANALYSIS:

AVAILABLE PHOSPHATE (P₂O₅).....68.0%
 Molybdenum (Mo).....0.001%
 Derived from Phosphoric Acid.
 Weight per gallon 16.63 lbs. @ 68°F (20°C)



DANGER

MAY BE CORROSIVE TO METALS. HARMFUL IF SWALLOWED. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. FATAL IF INHALED.

PRECAUTIONARY STATEMENTS: Do not breathe fumes / gas / mist / vapors / spray. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Specific treatment see First Aid section of this label.

PERSONAL PROTECTIVE EQUIPMENT: Wear protective gloves / protective clothing / eye protection / face protection. [In case of inadequate ventilation] wear respiratory protection. Wash contaminated clothing before reuse.

FIRST AID: Immediately call a poison center / doctor. Specific treatment is urgent (see following). **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 water / shower. **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 in a well-ventilated place. Keep container tightly closed. Store locked up. Store in a 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	68.0%
Polyphosphates (% of total P ₂ O ₅) ..	24.0%
Potassium (K ₂ O).....	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	11.4
Gallons per ton @ 75°F	121.1
P ₂ O ₅ per ton (lbs.) @ 75°F	1380.0
Viscosity @ 75°F (CPS).....	1600.0
Viscosity @ 100°F (CPS).....	700.0
Viscosity @ 150°F (CPS).....	270.0

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.

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

Warning: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, requires notification of potential exposure to substances identified by the State of California as causing cancer, birth defects or other reproductive harm.

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: Seller warrants that the composition of this product conforms to the description given on this label. 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, 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 in the event of damages arising from the use of this product 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.