





# PPA PURIFIED PHOSPHORIC ACID 0-55-0

**GUARANTEED ANALYSIS**

AVAILABLE PHOSPHATE (P<sub>2</sub>O<sub>5</sub>)..... 55.0%

Derived from Phosphoric Acid.

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  


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

**PRECAUTIONARY STATEMENTS:** Do not breathe fumes / gas / mist / vapors / spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Specific treatment see First Aid section on 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. **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 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**

Appearance .....	clear, colorless, no visible particles
Specific Gravity @ 70°F .....	1.61
Weight (lbs. per gal.) @ 68°F .....	13.4
Gallons per ton @ 70°F .....	149.3
P <sub>2</sub> O <sub>5</sub> lbs. per ton @ 70°F .....	1100
pH .....	1.0

**CONSTRUCTION OF STORAGE & TRANSFER EQUIPMENT**

1. Tanks and Vessels: Rubber lined mild steel is adequate

for storage of Purified Phosphoric Acid at temperatures below 160°F.

2. Pumps, valves, and piping: At temperatures below 160°F, 316 stainless or other suitable alloys are recommended for pump internals and valves. At temperatures above 160°F, nonmetallic pumps and valves are recommended. At temperatures below 160°F, Drisco lines are acceptable. For temperatures above 160°F, suitable plastic lined mild steel is recommended.

**COMPATIBILITY**

1. Direct mixing with strongly basic materials should be avoided except under controlled conditions in proper vessels, containers, or process equipment.

**USES**

1. Simplot PPA Purified Phosphoric Acid 0-55-0 has been purified by chemical and mechanical methods. The resulting PPA is a stable, nearly clear source that is suited for use in drip irrigation systems.
2. Simplot PPA Purified Phosphoric Acid 0-55-0 also has application as a phosphate source in specialty agricultural liquid mixes that contain less than 12% K<sub>2</sub>O.

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>

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