



# 10-34-0

## Liquid Ammonium Polyphosphate

**GUARANTEED ANALYSIS:**

TOTAL NITROGEN (N) .....	10.00%
10.00% Ammoniacal Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ).....	34.00%
Molybdenum (Mo).....	0.001%
Derived from Ammonium Phosphate.	
Weight per gallon 11.6 lbs.. @ 68°F (20°C).	



**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**  
 CAUSES SKIN IRRITATION. CAUSES EYE IRRITATION.  
 MAY CAUSE RESPIRATORY IRRITATION.

**PRECAUTIONARY STATEMENTS:** Avoid breathing fumes / gas / mist / vapours / spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Call a poison center / doctor if you feel unwell. Specific treatment see First Aid section on this label.

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

**FIRST AID: IF ON SKIN** Wash with plenty of water. If skin irritation occurs get medical advice / attention. **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. If eye irritation persists get medical advice / attention.

**STORAGE AND DISPOSAL: STORAGE** Store in a well-ventilated place. Keep container tightly closed. Store locked up. **DISPOSAL** Dispose of contents / container in accordance with local / regional / national regulations.

**PHYSICAL CHARACTERISTICS**

Weight per gallon at 68°F (20°C) .....	11.6 lbs.
Gallons per ton .....	172
Pounds N per gallon.....	1.16
Pounds P <sub>2</sub> O <sub>5</sub> per gallon.....	3.95
Percent of total P <sub>2</sub> O <sub>5</sub> in polyphosphate form .....	70
Percent of total P <sub>2</sub> O <sub>5</sub> in orthophosphate form .....	30
Viscosity cps at 60°F .....	48
Salting out temperature .....	28°F
pH.....	6.2
Pressure and Volatility .....	None

**CONSTRUCTION OF STORAGE & TRANSFER EQUIPMENT**

1. Tanks: Simplot 10-34-0 Liquid Ammonium Polyphosphate can be stored in regular mid steel tanks and certain fiberglass tanks. Aluminum tanks can also be used . However, aluminum tanks are not recommended for prolonged storage.

2. Pumps: Any pump recommended for use with liquid fertilizers. Remember the basic rule of "no brass."

**USES**

1. Is an excellent source of water soluble, fast acting ammonium phosphate with the most desirable ratio of N:P<sub>2</sub>O<sub>5</sub>.
2. An ideal source of phosphate and nitrogen in complete liquid mixes.
3. For specific application rates follow the recommendation of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

**ADVANTAGES**

1. Contains all its nutrients in 100% water soluble forms.
2. Nonvolatile and safe to handle.
3. Liquid means no bags to lift, break or dispose of. Pumps or simple gravity do all the work.
4. The ideal ratio of N:P<sub>2</sub>O<sub>5</sub> is a proven, superior fertilizer when band injected for crops such as tomatoes, sugar beets, corn, cotton, small grain and finer vegetable crops.
5. Compatible with most other liquid fertilizers. NOTE: Simplot 10-34-0 Liquid Ammonium Polyphosphate is not compatible with aqua or anhydrous ammonia.

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.