

PLANT NUTRIENTS

# Sulf-N<sup>®</sup> Ammonium Sulfate Solution

8-0-0-9S

## Product Information

To prepare one ton of 8-0-0-9S, add 762 Lbs. of dry Sulf-N<sup>®</sup> ammonium sulfate to 1,238 Lbs. of water (149 gallons) and mix until product is dissolved. Mixing time for a 10-ton batch takes between 15 and 30 minutes, depending on agitation and water temperature.

### Procedure:

1. Slowly add Sulf-N<sup>®</sup> into a liquid mix tank containing the proper amount of water being agitated (a return circulation line located on the bottom of the mix tank is often adequate).
2. To adjust the final pH of the solution to near neutral, add a 0.1% concentration of aqua (2 gallons of aqua ammonia (21%N) or equivalent amount of anhydrous ammonia for every 10-ton batch).
3. When storing Sulf-N<sup>®</sup> Solution in mild steel or thin-wall aluminum tanks, add 1 gallon of ammonium polyphosphate (11-37-0 or 10-34-0) to every 10-ton batch as a corrosion inhibitor (not needed when using plastic or stainless steel tanks).
4. To remove any insolubles or contaminates, pump dissolved solution through a 100-micron filter to intercept any foreign particles.

### Conversion factors and physical characteristics of 8-0-0-9S:

- 1 ton of dry Sulf-N<sup>®</sup> will produce 2.63 tons or 519 gallons of 8-0-0-9S.
- 1 ton of 8-0-0-9S consists of 197 gallons.
- 1 gallon of 8-0-0-9S weights approximately 10.14 lbs.
- Salt out temperature of 8-0-0-9 solution (38% ammonium sulfate) is 15°F.
- Amber color solution

Sulf-N<sup>®</sup> Solution can be mixed with UAN liquid nitrogen for production of an economical nitrogen and sulfur solution. Please refer to the *Sulf-N<sup>®</sup> Liquid Formulation Guide* for a list of common liquid grades.

### Contact AdvanSix

To learn more about the benefits of Sulf-N<sup>®</sup> Ammonium Sulfate, visit [AdvanSix.com](http://AdvanSix.com) or [SulfN.com](http://SulfN.com) or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

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