

Product Description

Ammonium Sulfate Solution (40% Solution) is a clear, colorless and odorless liquid containing 8.4 % Nitrogen and 9.6 % Sulfur (Sulfate). Ammonium Sulfate Solution is used in wide range of industrial and agricultural applications. It's main application in agriculture is it's use as a spray adjuvant to mix with some herbicides as well as direct applications.

Guaranteed Analysis

Total Nitrogen (N) 8.4 % (Min.)
 (As Ammoniacal Nitrogen)
 Total Sulfur (S) 9.6% (Min.)
 (As Sulfate Sulfur)

Derived from: Ammonium Sulfate and water

Physical Properties

Gallons per ton 195 gal.
 Weight per gallon 10.25 lbs.
 pH 5.2
 Ammonium Sulfate per gallon 4.1 lbs
 Salt Out Temperature 0° F

Dry Equivalents:

1 gallon 40% solution = 4.1 lbs dry ammonium sulfate
 4.15 gallons 40% solution = 17 lbs. dry ammonium sulfate

Product Identification

	<u>Ammonium Sulfate</u>	<u>Water</u>
CAS No. :	[7783-20-2]	[7732-18-5]
Formula :	(NH ₄) ₂ SO ₄	H ₂ O
Formula wt :	132.14	18.20

Analysis

	<u>Standard</u>	<u>Typical</u>
Assay	Not less than 39.0% as (NH ₄) ₂ SO ₄	39.5% to 41.00%

Typical Analysis (Based on Quarterly Analysis) Parts Per Million(ppm)

Impurities:

Fe-Iron	12 to 20
As-Arsenic	0.03
Cd-Cadmium	<0.08
Cu-Copper	0.08
Pb-Lead	<0.4
Hg-Mercury	nil
Mo-Molybdenum	<0.8
Ni-Nickel	2.5
Se-Selenium	0.04
Zn-Zinc	0.5

Production Facility

Plainview Plant
 HCR 2 Box 17 Hwy 194
 Plainview, Tx 79072-1928

