



# American Plant Food Corporation

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## INDUSTRIAL COARSE GRADE AMMONIUM SULFATE

Chemical Formula  $(\text{NH}_4)_2\text{SO}_4$

CAS Registry Number: 7783-20-2

### Technical Data Sheet - Chemical and Physical Properties

Total Nitrogen %	21
Ammoniacal Nitrogen %	21
Nitrate Nitrogen %	Non Detectable
Total Sulfur %	24
Sulfur as Sulfate %	24
RCRA Heavy Metals ppm	< 10
Total Carbon ppm	< 1500
Moisture %	< 0.5
Density Typical lbs/cu.ft.	65
Particle Size	99% thru Tyler 12 mesh 95% retained on Tyler 48 mesh
Size Guide Number (approx)	120
Color	White to Yellowish Tint
Solubility % (Max Theoretical)	41
Typical Usage	34-38
8-0-0/9S = 38%	

Our INDUSTRIAL COARSE GRADE AMMONIUM SULFATE is different from other products because we use only virgin oleum sulfuric acid in the manufacturing process. It is the purist sulfuric acid, which makes our product **super soluble** as compared to less costly, spent/merchant grade sulfuric acid used by other manufacturers. This is why our Ammonium Sulfate has the **lowest heavy metal content** in the industry. Also, because of the most modern manufacturing process, the **organics are removed** before the Ammonium Sulfate liquor reaches the crystallizer. This is why **our product does not foam** like our competitors. **Our product is double screened**. This process creates a very uniform size with the lowest metal and organic contents.