



American Plant Food Corporation

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N-PAC COMPACTED AMMONIUM SULFATE

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

CAS Registry Number: 7783-20-2

October 17, 2018

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 Total Heavy Metals ppm	< 10
Total Carbon ppm	< 2000
Moisture % Maximum	< 0.5
Density Typical lbs/cu.ft.	56
SGN Particle Size (approx) SGN	320 - 380
Color	White to Slight Yellow Tint

N-Pac COMPACTED AMMONIUM SULFATE is made by compressing standard ammonium sulfate under tremendous pressure with moisture and heat through very large roller mills. Large sheets of compressed ammonium sulfate are then shattered by roller mills followed by screening for size. This product is very absorbent. Because of the small size particles contained in the granule only a small amount of moisture is needed to breakdown the granule in the soil. Our N-Pac ammonium sulfate is made from anhydrous ammonia and **virgin oleum sulfuric acid**. It is the purist sulfuric acid, which makes our product purer as compared to less costly, spent/merchant grade sulfuric acid used by other manufacturers. This is also why our Ammonium Sulfate has the **lowest heavy metal content** in the industry. Because of the most modern AMS manufacturing AMS, the **organics are removed** before the AMS is compacted. This is why we have become known as *The Nation's Supplier of Compacted N-Pac Ammonium Sulfate*.