

Technical Data Sheet

Basic information

| | | | |
|---------------|------------------|--------------------|---|
| Chemical name | Ammonium sulfate | Formula | (NH ₄) ₂ SO ₄ |
| Synonyms | Ammonium sulfate | Chemical structure |  |
| CAS.No. | 7783-20-2 | | |
| EINECS No. | 231-984-1 | | |

Physical properties

| | |
|----------------------------------|---|
| Appearance | White crystalline powder or crystal |
| Density, 20°C, g/cm ³ | 1.769 |
| Boiling point, °C | 330 |
| Melting point, °C | 280 |
| Flash point, °C | 330 |
| Refractive index | 1.396 |
| Solubility | Soluble in water, ethanol & other organic solvents. |

Specification

| Items | Caprolactam Grade | Steel Grade | Steel Grade |
|--------------------|---------------------|---------------------------|---------------------------|
| Appearance | Achromatous Crystal | White or off-white powder | White or off-white powder |
| Size mm | 2-4;0-2 | 0-1 | 2-5 |
| Nitrogen Content % | 21.0 | 20.5 | 20.5 |
| Purity % | 99 | 96.5 | 96.5 |
| Sulfur % | 24 | 23.4 | 23.4 |
| Moisture % | 0.2 | 1.0 | 1.5 |
| Free Acid % | 0.3 | 0.2 | 0.2 |
| Hardness | | | 20 |

Application

It is used in biochemical, textile, leather making, medicine and food industry; produce compound fertilizers or directly as fertilizer in agricultural industry.

Package

25kg/bag or 1000kg/bag or as request

Safety on transportation

Always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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