



PRODUCT SPECIFICATION

EP 064

REV 04

IDENTIFICATION

| | |
|----------------------|------------------------------|
| Chemical name | Ammonium sulfate |
| Formula | $(\text{NH}_4)_2\text{SO}_4$ |
| CAS-number: | 7783-20-2 |

PHYSICOCHEMICAL CHARACTERISTICS

| | | | | |
|--|------------------------|----------------|----------------|------------------------------|
| Appearance | White colored crystals | | | |
| Characteristic | Unit | Minimum | Maximum | Method |
| Purity $(\text{NH}_4)_2\text{SO}_4$ | % | 99.0 | - | Manufacturer's Specification |
| Free acidity (H_2SO_4) | % | - | 0.15 | |
| Humidity | % | - | 0.5 | |

MAIN APPLICATIONS

Fertilizer Industry: Nitrogen and sulfur source.

Furniture / wood industry: glue formulation for agglomerates and resins.

Textile industry: Dyeing of polyester, fibers and wool.

Pharmaceutical Industry: Fermentation processes for the production of antibiotics and enzymes.

Tannery industry: Used in decalcifying operations.

OTHER INFORMATION

| | |
|---------------------------|---|
| UN No. | Product not covered by the Resolution in force on the transport of dangerous products |
| No. of Risk | Product not covered by the Resolution in force on the transport of dangerous products |
| Packaging | Polyethylene bags, valve, containing 50 Kg of the product. |
| Cautious | Product not classified as dangerous or poisonous, however, when handling, it is recommended to use the following PPE: Rubber gloves, dust mask and protective goggles. |
| Storage | Keep stored in a covered and ventilated place. Avoid proximity to oxidizing products (chlorates, nitrates and nitrites). |
| Shelf Life | 12 months depending on ideal storage conditions. |
| Legal requirements | Product not covered by the Resolution in force on the transport of dangerous products |

| | Code | Description |
|------------------|-------------|---------------------------|
| Datasheet | 130.60.0 | Ammonium sulfate |
| | 130.35.0 | BAG 25KG Ammonium sulfate |

HISTORY OF CHANGES

| Date | Revision | Comments of Changes |
|-------------------|-----------------|--|
| 08.10.2013 | 03 | Update of the layout of the document, of the person responsible for approving the specification and the framework regarding the Legislation in force on the transport of hazardous products. |
| - | 04 | Revision of the form due to approval via the Qualiex system. Inclusion of omega codes. Unification of EP 065 |