



SPECIFICATIONS OF PRODUCTS

EP 079

REV 02

IDENTIFICATION

| | |
|----------------------|------------------------------|
| Chemical name | Urea Grade Arla / Automotive |
| Formula: | $(\text{NH}_2)_2\text{CO}$ |
| CAS No. | 57-13-6 |

PHYSICOCHEMICAL CHARACTERISTICS

| | | | | |
|---|--|----------------|----------------|------------------------------|
| Aspect: | White granulated or white pearlescent. | | | |
| Characteristic | Unit | Minimum | Maximum | Method |
| Biuret ($\text{C}_2\text{H}_5\text{N}_3\text{O}_2$) | % | - | 0.9 | Manufacturer's Specification |
| Alkalinity (NH_3) | % | - | 0.6 | |
| Aldehyde | ppm | - | 15 | |

MAIN APPLICATIONS

In Chemicals, textiles, cosmetics, pharmaceuticals, tanneries (leather processing), resin production, as a biological nutrient for effluents and in agriculture as a source of nitrogen.

| Other information | |
|---------------------------|--|
| UN No. | Product not classified by the Resolution in force on the transport of dangerous products. |
| Risk No. | Product not classified by the Resolution in force on the transport of dangerous products. |
| Packaging | Big Bag's weighing between 750 to 1000 kg. |
| Cautions | Although not classified, this product may cause irritation to the skin and respiratory tract. When handling the product, use PVC gloves, glasses and an aero-dispersoid mask. |
| Storage | Keeping stored in an open, covered, ventilated place, away from sources of heat and ignition. |
| Validity | Thirty-six months depending on storage ideal conditions. |
| Legal Requirements | Product not classified by the Resolution in force on the transport of dangerous products. |

| Datasheet | Code | Description |
|---------------------------|---------------|--|
| | 154.60.0 | Diesel Exhaust Fluid Degree BR Urea |
| | 155.60.0 | Diesel Exhaust Fluid Degree Urea |
| | 155.01.0 | Diesel Exhaust Fluid Degree Urea - Bulk |
| | 155.60.7 | Diesel Exhaust Fluid Degree Urea - IT |
| | 156.60.0 | Diesel Exhaust Fluid Degree Raizen Urea |
| CHANGES HISTORICAL | | |
| Date | Review | Comments of Changes |
| 5/21/2015 | 01 | Exclusion of items: "Sieve items" and "total nitrogen". Better Item Description: Aspect. |
| - | 04 | Form review due to approval via Qualiex system. Inclusion of omega codes. |