



# Urea Solution-Adblue<sup>®</sup> Industrial (M)

Urea grado automotriz / Automotive grade Urea  
Product code / Código del producto: PA516L

## Technical Data Sheet / Ficha de Especificaciones Técnicas

| GENERAL SPECIFICATIONS / ESPECIFICACIONES GENERALES  |   |
|--|---|
| Alternative Names / Otros Nombres  | Urea grado automotriz / Automotive grade Urea |
| Formula / Fórmula  | CH <sub>4</sub> N <sub>2</sub> O              |
| Use / Uso  | Automotriz / Automotive                       |
| Color / Color  | Colorless / Incoloro                          |
| Appearance / Apariencia  | Liquid / Líquido                              |
| The product should not be storage at temperatures above 30°C / El product no debe almacenarse a temperaturas superiores a 30°C |   |

| PHYSICOCHEMICAL PROPERTIES / PROPIEDADES FÍSICO-QUÍMICAS    |                         | TYPICAL / NOMINAL |
|---|-------------------------|-------------------|
| % CH <sub>4</sub> N <sub>2</sub> O                          | %(W/W)                  | 32,5%             |
| Density / Densidad  | g/cm <sup>3</sup> @20°C | 1,087 min.        |
| Crystallization Temperatura / Temperatura de Cristalización | °C                      | -11               |
| Biuret  | %(W/W)                  | 0.3               |
| Aldehydes / Aldehídos                                       | mg/kg                   | 5                 |
| Insoluble Matter / Materia Insoluble                        | mg/kg                   | 20                |
| Phosphate / Fosfato (PO <sub>4</sub> )                      | mg/kg                   | 0.5               |
| Calcium / Calcio  | mg/kg                   | 0.5               |
| Iron / Hierro   | mg/kg                   | 0.5               |
| Coper / Cobre   | mg/kg                   | 0.2               |
| Zinc / Zinc   | mg/kg                   | 0.2               |
| Chrome / Cromo  | mg/kg                   | 0.2               |
| Nickel / Níquel   | mg/kg                   | 0.2               |
| Aluminium / Aluminio  | mg/kg                   | 0.5               |
| Magnesium / Magnesio  | mg/kg                   | 0.5               |
| Sodium / Sodio  | mg/kg                   | 0.5               |
| Potassium / Potasio   | mg/kg                   | 0.5               |

| CODE / CÓDIGO       | VERSIÓN | DATE / FECHA (dd/mm/yy) |
|---------------------|---------|-------------------------|
| SGY-GEN-HESQ-FTP001 | 01      | 01/02/2019              |