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Product Data sheet – Granular Urea - Technical grade

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Technical Data: Urea Granule – Fertilizer grade

Property	Unit	Value	Test method
Nitrogen content	wt%	46.0 Min.	ISO-5315
Water content	wt%	0.5 Max.	ISO -2753
Biuret	wt%	1.0 Max.	ISO -2754
Formaldehyde	wt%	0.5 Max.	ISO 14184
Particle size (2.0 – 4.0 mm)	wt%	90.0 Min.	ISO -8397

Packaging: Supplied in 50kg Bags and in Bulk .**General Information**

- Licensor: Urea has been manufactured using STAMICARBON licensed technology

Typical applications:

- Manufacture of melamine and urea-formaldehyde resins with various applications such as adhesives, moldings, laminates, plywood, and coatings.
- Manufacture of pollution control solutions for selective catalytic reduction (SCR) system

HANDLING AND STORAGE

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. When heated, urea releases ammonia and when heated to decomposition it emits toxic fumes of nitrogen oxides (NO_x), ammonia.

Conditions for Safe Storage, Including Any Incompatibilities**Technical Measures:** Comply with applicable regulations.**Storage Conditions:** Store in a dry, cool, and well-ventilated place. Protect from moisture.**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. Hypochlorites. Nitric acid. Halogens. Sodium nitrite, phosphorus pentachloride, and nitrosyl or gallium perchlorate. Urea will form urea nitrate when mixed with nitric acid at low pH.**For more information see the product MSDS.**

Note: This information is based on our current knowledge and experience. In view of many factors that may affect processing and application, this data does not relieve processors from the responsibility of carrying out their own tests and experiments, neither does it imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.