GRANULAR UREA

PROPERTIES	TEST METHOD	UNIT	VALUE
Nitrogen Content	ISO 5315	% wt	46.3 Min
Moisture	ISO 2753	% wt	0.3 Max
Biuret	ISO 2754	% wt	0.8 Max
Formaldehyde	ISO 14184	% wt	0.3 Max
Particle Size (2.0 – 4.0 mm)	ISO 8397	% wt	95 Min

PACKAGE

- Supplied in 50 Kg Bags and in Bulk.

TYPICAL APPLICATION

- Nitrogen release fertilizer
- 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 & STOREAGE

Precautions for safe Handling

Additional Hazards when Processed:

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:

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 Nitrate, phosphorous Pentachloride and Nitrosyl or gallium Perchlorate. Urea will form Urea Nitrate when mixed with Nitric Acid at low pH.

For more information, please contact:
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