

PRODUCT INFORMATION



UREA INDUSTRIAL GRADE 46-0-0 CAS: 57-13-6 (NH₂)₂CO

DESCRIPTION

Used internationally as a nitrogen fertilizer, urea also has many industrial applications. The most predominate use is in the manufacturing of adhesives, such as urea-formaldehyde resin, which in turn are utilized in wood panels, construction and automotive industries. Urea is also consumed in animal feeds, as an alternative to rock salt for de-icing, as an effluent treatment plant nutrient and is growing in diesel emissions control.

Urea is available in granular or prill solid form, in addition to varying solutions in water depending on the application. Urea is typically offered in three grades; pharmaceutical, industrial and agricultural, although specifications vary within each grade.

TYPICAL PHYSICAL PROPERTIES

Parameters	Limits
Biuret	Max. 1.5 wt%
Free NH ₃	≤ 150 ppm
pH	8.0-10.5
Nitrogen	≥ 46.0 wt%
Moisture	Max. 0.30
Iron	≤ 2 ppm
Purity	> 98%
Appearance	White, free flowing granules

Note: Additional specifications are available on custom basis.

For more information, contact Sylvite Industrial, at (905) 331-8365.

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