



Urea (Technical Grade)

CAS Number	Formula
57-13-6	CH ₄ N ₂ O or NH ₂ CONH ₂

Urea is a nitrogenous compound containing a carbonyl group attached to two amine groups with formula CH₄N₂O. It is a colorless, odorless solid, highly soluble in water, and non-toxic. It has pKa close to 0. It is neither acidic nor alkaline. Urea is widely used in fertilizers as a source of nitrogen (N) and is an important raw material for the chemical industry.

SPECIFICATION

Nitrogen Content (as Total N) (on Dry Basis)	46.30 %
Moisture	0.07 %
Biuret	0.82 %
Sieve Analysis (1mm-3mm)	91.75 %

MAJOR USE: In Dyes and Pigment industries. Used in cattle feed. Used for manufacturing of Urea Formaldehyde resin. Used in production of Diesel exhaust fluid for pollution abatement.

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