

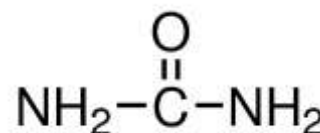


Product Specification

cdhfinechemical.com

UREA CRYST. PURE FOR BIOCHEMISTRY

PRODUCT CODE	030558
SYNONYMS	--
C.I. NO.	--
CASR NO.	(57-13-6)
ATOMIC OR MOLECULAR FORMULA	NH ₂ CONH ₂
ATOMIC OR MOLECULAR WEIGHT	60.06
PROPERTIES	Develops odour of ammonia. Almost insoluble in chloroform and ether. Soluble in concentrated HCl



PARAMETER	LIMIT
Description	A white crystalline powder or transparent crystals.
Solubility	10% solution in water is clear, colourless.
Minimum Assay (Calculated with respect to dried substance.; Kjeldahl method)	99.0%
Melting Point	131° - 134°C

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.05%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Causes mild skin irritation.

Precautionary statements

Prevention: -----

Response: If skin irritation occurs, seek medical advice/attention.

Disposal: The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :

Replace Date 29-Nov-2025