






Product Specification

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DIETHANOLAMINE FOR SYNTHESIS

PRODUCT CODE	070545
SYNONYMS	--
C.I. NO.	--
CASR NO.	(111-42-2)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₁ NO ₂
ATOMIC OR MOLECULAR WEIGHT	105.14
PROPERTIES	Active base, combustible.
PARAMETER	LIMIT
Description	Colourless to faint yellow viscous liquid.
Solubility	10% solution in water is clear and colourless.
Minimum assay (By GC)	98.0%
Wt. per ml (at 20°C)	1.096-1.100 g
Refractive Index (n) ₂₀	1.476-1.477
MAXIMUM LIMIT OF IMPURITY	
Water (KF)	0.5%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals Precautionary statements Prevention : Keep only in original container. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Absorb spillage to prevent material damage. Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water.	
Hazard Pictogram(s) :	
  	
GHS05 GHS07 GHS08	



Replace date 10-Feb-2026