



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	Miscible with water. 10% solution in water is clear and colourless.
Minimum assay (Acidimetric)	98.0%
Wt. per ml (at 20°C)	1.096-1.100 g
Freezing Point	26-27°C
Refractive Index (n) ²⁰ _D	1.476-1.477

MAXIMUM LIMIT OF IMPURITY

Water (KF)	0.5%
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Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May becorrosive 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.	IMDG Code : 9/III UN No. : 3077 IATA : 9
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Hazard Pictogram(s) :



GHS05



GHS07



GHS08

Replace date 23-Oct-2024