

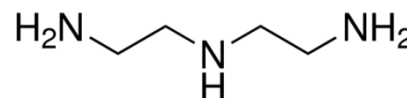


# Product Specification

cdhfinechemical.com

## DIETHYLENE TRIAMINE FOR SYNTHESIS

PRODUCT CODE	071445
SYNONYMS	Bis(2-aminoethyl)amine, 2,2'-Diaminodiethylamine
C.I. NO.	N/A
CASR NO.	111-40-0
ATOMIC OR MOLECULARFORMULA	C <sub>4</sub> H <sub>13</sub> N <sub>3</sub>
ATOMIC OR MOLECULARWEIGHT	103.17
PROPERTIES	---



PARAMETER	LIMIT
Description	A yellow viscous liquid, hygroscopic having ammonical odour.
Solubility	Miscible with water forming clear solution.
Minimum assay(By GC)	97.0%
Wt. per ml at 20°C	0.947 - 0.950 g
Refractive Index(n) <sub>D</sub> 20	1.483 - 1.485

### MAXIMUM LIMIT OF IMPURITY

Water	1.0%
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Note(s) : Assay (if applicable) method mentioned.

<p><b>HAZARD STATEMENTS :</b> May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life.</p> <p><b>PRECAUTIONARY STATEMENTS :</b></p> <p><b>Prevention :</b> Do not eat, drink or smoke when using this product. Wear protective gloves/clothing. Do not breathe dust or mist. Wash hands thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.</p> <p><b>Response :</b> Wash contaminated clothing before reuse. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician.</p> <p><b>Disposal:</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.</p>	<p>IMDG Code : 8/II</p> <p>UN No. : 2079</p> <p>IATA : 8</p>
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Hazard Pictogram(s) :



GHS05



GHS08

Replace date 29-May-2023