



Product Specification

cdhfinechemical.com

DIETHYLENE TRIAMINE FOR SYNTHESIS

PRODUCT CODE 071445

SYNONYMS Bis(2-aminoethyl)amine, 2,2'-Diaminodiethylamine

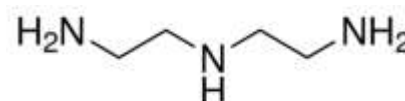
C.I. NO. N/A

CASR NO. 111-40-0

ATOMIC OR MOLECULARFORMULA C₄H₁₃N₃

ATOMIC OR MOLECULARWEIGHT 103.17

PROPERTIES ---



PARAMETER LIMIT

| | |
|-------------------------------------|---|
| Description | Clear colourless to pale yellow liquid. |
| 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) _D 20 | 1.483 - 1.485 |

MAXIMUM LIMIT OF IMPURITY

| | |
|-------|------|
| Water | 1.0% |
|-------|------|

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

DANGER

HAZARD STATEMENTS : 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.

PRECAUTIONARY STATEMENTS :

Prevention : 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.

Response : 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.

Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



GHS05



GHS08

IMDG Code : 8/II
UN No. : 2079
IATA : 8

Replace date 20-Apr.2026