



# Product Specification

cdhfinechemical.com

## DIETHANOLAMINE AR/ACS FOR BIOCHEMISTRY

**PRODUCT CODE** 509965

**SYNONYMS** --

**C.I. NO.** --

**CASR NO.** (111-42-2)

**ATOMIC OR MOLECULAR FORMULA** C<sub>4</sub>H<sub>11</sub>NO<sub>2</sub>

**ATOMIC OR MOLECULAR WEIGHT** 105.15

**PROPERTIES** --



### PARAMETER LIMIT

Description A clear viscous liquid, colour not more than 10 Hazen units.

Solubility 10% solution in water is clear and colourless.

Minimum assay (By GC) 98.0%

Wt. per ml at 20°C 1.095 - 1.097 g

Refractive index (n)<sup>20</sup><sub>D</sub> 1.477 - 1.478

### MAXIMUM LIMIT OF IMPURITIES

Water 0.2%

Chloride (Cl) 0.0001%

Sulphate (SO<sub>4</sub>) 0.002%

Sulphated ash 0.01%

Triethanolamine 1.0%

Ethanolamine 0.5%

Cadmium (Cd) 0.0001%

Cobalt (Co) 0.0001%

Copper (Cu) 0.0001%

Iron (Fe) 0.0001%

Lead (Pb) 0.0001%

Magnesium (Mg) 0.0001%

Manganese (Mn) 0.0001%

Nickel (Ni) 0.0001%

Zinc (Zn) 0.0005%

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

#### WARNING

**HAZARD STATEMENTS** :May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure if swallowed.

#### PRECAUTIONARY STATEMENTS :

**Prevention** :Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated clothing should not be allowed

out of the workplace. Do not breathe dust/fume/gas/mist/vapours/spray.

**Response** :Wash contaminated clothing before reuse. 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. If skin irritation or rash occurs, seek medical advice/attention. If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. Get medical

advice/attention if you feel unwell. Specific treatment: refer to Label or MSDS.Remove/Take off immediately all contaminated clothing IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

**Disposal**:--

IMDG Code : 9/III  
UN No. : 3077  
IATA : 9



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Hazard Pictogram(s) :



GHS05



GHS07



GHS08