

DIETHYLAMINE AR

PRODUCT CODE 510405

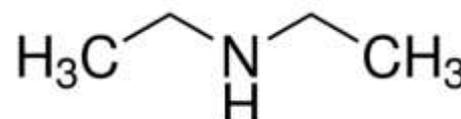
SYNONYMS N/A

C.I. NO. N/A

CASR NO. 109-89-7

ATOMIC OR MOLECULAR FORMULA (C₂H₅)₂NH

ATOMIC OR MOLECULAR WEIGHT 73.14



PROPERTIES Strongly alkaline liquid.

PARAMETER **LIMIT**

Description	A clear colourless liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water, ethanol & diethyl ether forming clear and colourless solution.
Minimum assay (By GC)	99.5%
Wt.per ml at 20°C	0.703 - 0.705 g
Refractive Index (n) _D ²⁰	1.385 -1.387
Boiling Range	54- 57°C

MAXIMUM LIMIT OF IMPURITIES

Non volatile matter	0.01%
Calcium (Ca)	0.0001%
Copper (Cu)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Magnesium (Mg)	0.0001%

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

DANGER

HAZARD STATEMENTS : Toxic if swallowed. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS :

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Wear protective gloves/protective clothing/eyes protection/face protection.

Response : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES. rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Collect spillage.

Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : 3/II
UN No. : 1154
IATA : 3

Hazard Pictogram(s) :



GHS05



GHS06



GHS09

Replace date 07-Mar-2026