



Product Specification

TRIETHYLAMINE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	776040
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	121-44-8
ATOMIC OR MOLECULAR FORMULA	C₆H₁₅N
ATOMIC OR MOLECULAR WEIGHT	101.19
PROPERTIES	Strong ammonical odour. Toxic by ingestion and inhalation, strong irritant to tissue.



PARAMETER	LIMIT
Description	A clear liquid, not more than 20 Hazen units in colour, with an ammonical odour.
Solubility	Miscible with alcohol.
Minimum assay (By GC)	99.5%
Wt.per ml at 20°C	0.726 - 0.728 g
Refractive Index (n) _D ²⁰	1.400 - 1.402

MAXIMUM LIMIT OF IMPURITIES

Water	0.1%
Non volatile matter	0.001%
Heavy metals (as Pb)	0.0001%
Iron (Fe)	0.0001%
UV absorbance (10 mm) at 280 nm (cut-off)	1.0

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

<p>DANGER</p> <p>HAZARD STATEMENTS : Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Causes severe skin burns and eye damage</p> <p>PRECAUTIONARY STATEMENTS :</p> <p>Prevention : Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Ground/bond container and receiving equipment. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear protective gloves/clothing Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge.</p> <p>Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>Disposal : Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amounts of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off. Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber.</p>	<p>IMDG Code :3/II UN No. :1296 IATA :3</p>
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Hazard Pictogram(s) :-



Flammable liquids



Corrosive to metals