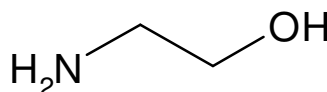




Product Specification

E Control	QC2\DATAD\DA\PS\38306XPS.xls
PRODUCT CODE	38306
PRODUCT NAME	ETHANOLAMINE LR
SYNONYMS	Monoethanolamine
C.I. NO.	N/A
CASR NO.	141-43-5
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₇ NO
ATOMIC OR MOLECULAR WEIGHT	61.08
PROPERTIES	Hygroscopic, viscous liquid. Strong base. Combustible.



PARAMETER	LIMIT
Description	A clear liquid, colour not more than 20 Hazen units.
Solubility	10% Solution in water is clear and colourless solution.
Minimum assay (acidimetric)	99.0%
Wt.per ml at 20 °C	1.014 - 1.016 g
Freezing Point	9.0 - 10.5 °C
Refractive Index (n) _D ²⁰	1.453 - 1.455
Solution (10% in water)	Clear.

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

DANGER HAZARD STATEMENTS : Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage Harmful to aquatic life. PRECAUTIONARY STATEMENTS : Prevention : Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	IMDG Code : --- UN No. : --- IATA : ---
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Hazard pictogram(s) :



Corrosive to metals

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. : Incharge (Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 20/08/2010
Date : 18/08/2010	Date : 18/08/2010	Date : 20/08/2010	AMEND NO. : P062