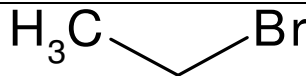




Product Specification

E Control	QC2\DATAD\DA\PS\37455XPS.xls
PRODUCT CODE	37455
PRODUCT NAME	BROMOETHANE LR
SYNONYMS	Ethyl bromide
C.I. NO.	N/A
CASR NO.	74-96-4
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₅ Br
ATOMIC OR MOLECULAR WEIGHT	108.97
PROPERTIES	



PARAMETER	LIMIT
Description	A clear & colourless liquid.
Solubility	Miscible with methanol forming a clear & colourless solution.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	1.456 - 1.460 g
Boiling Range (37 - 40 °C)	Min. 95.0%
Refractive Index (n) _D ²⁰	1.4230 - 1.4250
MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.005%
Acidity	0.2 ml N/1%
Free Bromine	0.005%

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

WARNING

HAZARD STATEMENTS : Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. Causes eye irritation. Suspected of causing cancer.

PRECAUTIONARY STATEMENTS :

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required.

Response : If exposed or concerned: Get medical attention advice. Wash contaminated clothing before reuse. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber. Allow to evaporate in safe open area (applicable for small quantities). Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.

IMDG Code : 6.1/II
UN No. : 1891 IATA
: 6.1

Hazard pictogram(s) :



Skin irritation Aspiration hazard

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. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 30/08/2010
Date : 27/08/2010	Date : 27/08/2010	Date : 30/08/2010	AMEND NO. : P062