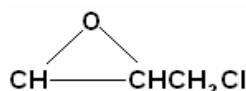




Product Specification

E Control	QC2\DATAD\DA\PS\37706XPS.xls
PRODUCT CODE	37706
PRODUCT NAME	1-CHLORO-2,3-EPOXYPROPANE LR
SYNONYMS	Epichlorhydrin
C.I. NO.	N/A
CASR NO.	106-89-8
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₅ ClO
ATOMIC OR MOLECULAR WEIGHT	92.53
PROPERTIES	



PARAMETER	LIMIT
Description	Clear colourless liquid.
Solubility	Miscible with Methanol forming clear and colourless solution.
Minimum assay(By GC)	98.0%
Wt.per ml at 20 °C	1.180 - 1.183 g
Boiling Range (114° - 118 °C)	Min. 95.0%
Non volatile matter	Max. 0.01%

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

DANGER

HAZARD STATEMENTS : Flammable liquid and vapour. Fatal if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause allergic skin reaction. May cause CANCER. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing. Do not breathe dust or mist. Contaminated clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash thoroughly after handling. Use only outdoors or in a well ventilated area. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Ground/bond container and receiving equipment. Wear protective gloves and eye/face protection. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use only non-sparking tools.

Response : If skin irritation or rash occurs, seek medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical attention advice. 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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. Remove/Take off immediately all contaminated clothing. IF ALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal : The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.

IMDG Code :----
UN No. :----
IATA :----

Hazard pictogram(s) :



Flammable liquids Acute toxicity Aspiration hazard Corrosive to metals



Flammable liquids Acute toxicity Aspiration hazard Corrosive to metals

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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