



SDFCL
s d fine-chem limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DI\PS\37708XPS.xls
PRODUCT CODE	37708
PRODUCT NAME	ETHYLENE CHLORHYDRIN LR
SYNONYMS	2-Chloroethanol
C.I. NO.	N/A
CASR NO.	107-07-3
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₅ ClO
ATOMIC OR MOLECULAR WEIGHT	80.51
PROPERTIES	Sensitive in Moisture, Combustible.



PARAMETER	LIMIT
Description	A clear colourless liquid, with a faint ethereal odour.
Solubility	Miscible with water.
Minimum assay(By GC)	98.0%
Wt.per ml at 20 °C	1.201 - 1.203 g
Refractive Index (n) _D ²⁰	1.440 - 1.444

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

DANGER

HAZARD STATEMENTS : Highly flammable liquid and vapour. Fatal if inhaled . Fatal in contact with skin. Fatal if swallowed. Causes mild skin irritation .Causes serious eye irritation .

PRECAUTIONARY STATEMENTS :

Prevention : Wash hands thoroughly after handling.Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection. Do not get in eyes, on skin or on clothing Wear protective gloves/clothing. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/lighting/equipment Keep container tightly closed. Wear protective gloves and eye/face protection. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response : Immediately call a POISON CENTER or doctor/physician. If eye irritation persists, get medical advice/attention. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

Disposal : 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. 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

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