



SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\38332XPS.xls
PRODUCT CODE	38332
PRODUCT NAME	ETHYL CHLOROFORMATE LR
SYNONYMS	Ethyl chlorocarbonate, Ethoxycarboxyl chloride
C.I. NO.	N/A
CASR NO.	541- 41- 3
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₅ ClO ₂
ATOMIC OR MOLECULAR WEIGHT	108.52
PROPERTIES	Strong irritant to eyes and skin.



PARAMETER	LIMIT
Description	Colourless to pale yellow clear liquid with a irritating odour.
Solubility	Soluble in benzene, chloroform and ether.
Minimum assay (By GC)	98.0%
Refractive Index (n) _D ²⁰	1.394 - 1.396
Wt. per ml at 20°C	1.138 - 1.140 g

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

DANGER

HAZARD STATEMENTS : Highly flammable liquid and vapour. Fatal if inhaled.
Toxic if swallowed. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

Prevention : Wear protective gloves/clothing and eye/face protection.
Ground/bond container and receiving equipment. Do not breathe dust or mist.
Wash 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. Wash hands thoroughly after handling. Wear respiratory protection. Wear protective gloves and eye/face protection. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment.
Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. In case of fire, use dry agent for extinction. Absorb spillage to prevent material damage. In case of fire, use foam for extinction. 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.

IMDG Code : 6.1/I
UN No. : 1182
IATA : 6.1

Disposal : ---

Hazard pictogram(s) :



Flammable liquids



Acute toxicity



Corrosive to metals

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