



SDFCL

s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\38331XPS.xls
PRODUCT CODE	38331
PRODUCT NAME	ETHYL CHLOROACETATE LR (for Synthesis)
SYNONYMS	Chloroacetic acid ethyl ester
C.I. NO.	N/A
CASR NO.	105- 39- 5
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₇ ClO ₂
ATOMIC OR MOLECULAR WEIGHT	122.55
PROPERTIES	Decomposed by hot water & alkalis. Combustible
CICH₂COOCH₂CH₃	
PARAMETER	LIMIT
Description	A clear colourless mobile liquid.
Solubility	Miscible with alcohol.
Minimum assay (By GC)	98.0%
Wt.per ml at 20 °C	1.145 - 1.155 g

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

DANGER

HAZARD STATEMENTS :Highly flammable liquid and vapour. Fatal if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes serious eye irritation. Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS

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

Response : If eye irritation persists, get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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 ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal : Combustible organic compounds are mixed with sodium carbonate and /or calcium hydroxide powder before burning them in incinerator.

IMDG Code : 6.1/II
UN No. : 1181
IATA : 6.1

Hazard pictogram(s) :



Flammable liquids

Acute toxicity

Hazardous to the aquatic environment

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