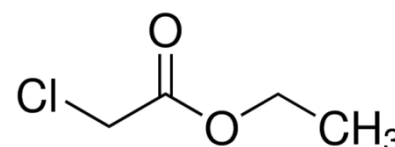


ETHYL CHLORO ACETATE FOR SYNTHESIS

PRODUCT CODE	084685
SYNONYMS	Chloroacetic acid ethyl ester
C.I. NO.	N/A
CASR NO.	105- 39- 5
ATOMIC OR MOLECULAR FORMULA	C₄H₇ClO₂
ATOMIC OR MOLECULAR WEIGHT	122.55
PROPERTIES	Decomposed by hot water & alkalis. Combustible



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 : In contact with water releases flammable gases. Fatal in contact with skin. Fatal if swallowed. Fatal if inhaled. May be corrosive to metals Causes skin irritation. Harmful to terrestrial vertebrates. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : Wear respiratory protection. Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/ vapours/spray. Wear protective gloves/clothing. Do not get in eyes, on skin or on clothing. Handle under inert gas, protect from moisture. Keep from any possible contact with water, because of violent reaction and possible flash fire. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Response : Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing Specific treatment: refer to Label or MSDS. IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse.

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

Disposal Add a little at a time (2 to 5 gm) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste.

Hazard Pictogram(s) :



Replace date 28-may-2023