

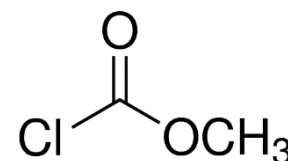


Product Specification

cdhfinechemical.com

METHYL CHLOROFORMATE FOR SYNTHESIS

PRODUCT CODE	154805
SYNONYMS	(Chloroformic acid methyl ester)
C.I. NO.	--
CASR NO.	(79-22-1)
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₃ O ₂ Cl
ATOMIC OR MOLECULAR WEIGHT	94.50
PROPERTIES	--



PARAMETER	LIMIT
Description	Clear colourless to light yellow liquid.
Solubility	Miscible with alcohol.
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	1.227 – 1.229 g
Refractive index (n) _D ²⁰	About 1.387
Boiling range	69° - 73°C

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

DANGER

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

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Do not eat, drink or smoke when using this product. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Wear respiratory protection. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame – No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge. Use only non-sparking tools.
Response : Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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 INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. 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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell.

IMDG Code : 6.1/1
UN No. : 1238
IATA : 6.1

Disposal: The waste chemical should be buried on a stage approved site. The liquids should be absorbed on sand.

Hazard Pictogram(s) :



GHS02



GHS05



GHS06

Replace date 3-June-2023