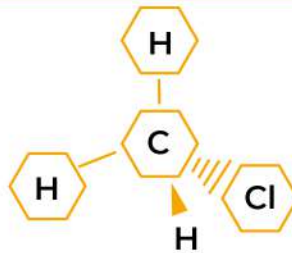


CHLOROFORM

Chemical Structure
and Identity

Specifications

Characteristics	Unit	Standard Value
Appearance	-	Colorless Clear Liquid Free From Suspended Matter
Odour	-	Free From Foreign Odour
Specific Gravity	-	1.48
Colour (APHA)	-	10 Max.
Purity	wt%	100 Max.
Water	ppm wt	01 Max.
Acidity as HCl	ppm	10 Max.
Non Volatile Residue	ppm wt	15
Free chlorine and Phosgene	-	Nil
Methylene chloride	ppm wt	50 Max.
Carbon tetrachloride	ppm wt	50 Max.

CAS No
67-66-3**EINECS No**
200-663-8**Packing Group**
III**UN No**
1888**Class**
6.1**Synonyms**
Methane trichloride,
Methyl trichloride,
Methenyl trichloride

CHLOROFORM

State Liquid	Commercial Trade Name Chloroform	Package Unit Zinc coated non-returnable GI Barrels each of 250 kg net weight for Export. 280 kg net weight for domestic market in HM-HDPE Barrels. Tankers. ISO TANKS
Formula CHCl ₃	Molecular Weight 119.37g/mole	

Handling & Safety

- Store in a cool, dry well-ventilated area. Avoid contact with eyes, skin, and clothing.
- Keep container tightly closed. Keep away from heat, sparks and flame.
- Avoid ingestion and inhalation. Do not breathe gas/fumes/ vapour/spray.
- Storage Recommendation Keep away from heat, sparks, and flame.
- Keep away from sources of ignition. Store in a tightly closed container.
- Store in a cool, dry, well-ventilated area away from incompatible substances.
- Sensitive to light. Store in light-resistant containers.
- S3- Keep in a cool place.
- S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Water and seek medical advice.
- S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

Application

- Fluorocarbon refrigerants HCFC-22
- Fire Fighting agent
- Solvent in dye and perfume manufacturing
- Extractant for penicillin, essential oils, and alkaloids, nicotine, etc.
- Soil fumigants, mildew preventives
- Pharmaceutical, API and Intermediate preparations
- Used as a laboratory reagent.
- Organic Chemicals (i.e. Cyclopropane and Tetrafluoroethane)