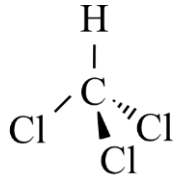


CHLOROFORM

Technical Data Sheet

Chemical Structure and Identity



Specifications

Sr. No.	Characteristics	Unit	Standard Value
1	Appearance	-	Colorless Clear Liquid Free From Suspended Matter
3	Odour	-	Free From Foreign Odour
4	Specific Gravity	-	1.48
5	Colour (APHA)	-	10 Max.
6	Purity	wt%	99.95 Min.
7	Water	ppm wt	100 Max.
8	Acidity as HCl	ppm	01 Max.
9	Non Volatile Residue	ppm wt	10 Max.
10	Free chlorine and Phosgene	-	Nil
11	Methylene chloride	ppm wt	50 Max.
12	Carbon tetrachloride	ppm wt	50 Max.

CAS No	67-66-3
EINECS No	200-663-8
UN No	1888
Class	6.1
Packing Group	III
State	Liquid
Commercial Trade Name	Chloroform
Synonyms	Methane trichloride, Methyl trichloride, Methenyl trichloride
Chemical Formula	CHCl ₃
Molecular Weight	119.37g/mole
Handling & Safety	<ul style="list-style-type: none">➤ 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)

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

Contact

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