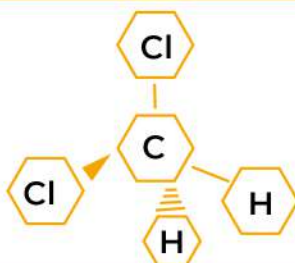


METHYLENE CHLORIDE – MDC

Chemical Structure
and Identity

Specifications



Characteristics	Unit	Standard Value
Appearance	-	Colourless Clear Liquid Free From Suspended Matter
Odour	-	Free From Foreign Odour
Specific Gravity	-	1.32
Colour (APHA)	-	5 Max.
Purity	wt%	99.98 Min.
Water	ppm wt	80 Max.
Acidity as HCl	ppm	02 Max.
Non Volatile Residue	ppm wt	5 Max.
Free chlorine		NIL
Methyl chloride	ppm wt	50 Max.

UN No
1593

Class
6.1

Packing Group
III

State
Liquid

Commercial Trade Name
Methylene chloride

Synonyms
Methylene dichloride,
Refrigerant-30, Freon-30,
R-30, DCM.

Formula
CH₂Cl₂

Molecular Weight
84.93g/mole

Package Unit
Zinc coated GI Barrels of 250 kg
net weight for Export. 250 kg net
weight HM-HDPE Barrels for
Domestic Market. 40 kg net weight
HM-HDPE Drums for
Domestic Market. Tankers.

METHYLENE CHLORIDE – MDC

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 pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
- 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.
- 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.
- S45- In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

Application

- As a solvent in API
- Tablet Film Coating Application for Drug Formulations
- Agrochemical and its intermediate
- Paint removers and paint formulations
- Industrial adhesive and coatings
- As a feedstock in the production of Refrigerant HCFC-32
- Foam Manufacturing
- Used as low temperature heat transfer medium
- Lubricants for leathers, plastics