



Product Specification

cdhfinechemical.com

DICHLOROMETHANE (IN-HOUSE GC STANDARD)

PRODUCT CODE	R12625
SYNONYMS	Methylene chloride
C.I. NO.	N/A
CASR NO.	75- 09- 2
ATOMIC OR MOLECULAR FORMULA	CH ₂ Cl ₂
ATOMIC OR MOLECULAR WEIGHT	84.93
PROPERTIES	Nonflammable & non explosive in air. Toxic, on exposure to light/air tends to acquire yellow colour.
	
PARAMETER	LIMIT
Description	A clear liquid colour not more than 10 Hazen units.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless. solution.
Identification (by IR)	Passes test
Identification (by 1H NMR)	Passes test
Identification (by GCMS)	Passes test
Identification (by Mass)	Passes test
Minimum assay (By GC)	99.8%
Wt. per ml at 20°C	1.323 - 1.325 g
Refractive Index (n) ²⁰ _D	1.424 - 1.425
MAXIMUM LIMIT OF IMPURITIES	
Water (by KF)	0.05%
Residue on evaporation	0.0005%
Note(s) :Assay (if applicable) method mentioned.	
DANGER HAZARD STATEMENTS : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May damage fertility. PRECAUTIONARY STATEMENTS Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. Disposal : Allow to evaporate in safe open area (applicable for small quantities). Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.	
Hazard Pictogram(s) :	
 	
GHS07 GHS08	