




DICHLORO METHANE FOR SPECTROSCOPY

PRODUCT CODE	721000	
SYNONYMS	Methylene chloride	
C.I. NO.	N/A	
CASR NO.	75- 09- 2	
ATOMIC OR MOLECULAR FORMULA	CH₂Cl₂	
ATOMIC OR MOLECULAR WEIGHT	84.93	
PROPERTIES	Nonflammable & no explosive in air. Toxic, on exposure to light/air tends to acquire yellow colour.	
PARAMETER	LIMIT	
Description	A clear colourless liquid.	
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless solution.	
Minimum assay (By GC)	99.7%	
Wt per ml at 20°C	1.323 - 1.325 g	
Refractive Index (n) _D ²⁰	1.424 - 1.425	
MAXIMUM LIMIT OF IMPURITIES		
Water	0.02%	
Acidity (HCl)	0.0005%	
Non volatile matter	0.0005%	
Maximum absorbance in a 1.0 cm cell at		
232 nm (UV Cut Off)	1.0	
245 nm	0.1	
260 nm	0.01	
Note(s): Assay (if applicable) method mentioned.		
DANGER		IMDG Code : 6.1 /III
HAZARD STATEMENTS : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May damage fertility.		UN No. : 1593
PRECAUTIONARY STATEMENTS		IATA : 6.1
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) :		
 		
<p style="text-align: center;">GHS07 GHS08</p>		