



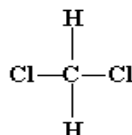
SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\PS\25245\XPS.xls
PRODUCT CODE	25245
PRODUCT NAME	DICHLOROMETHANE FOR HPLC & SPECTROSCOPY
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 & nonexplosive 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

Filtered through 0.2 um membrane.

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.	IMDG Code : 6.1/III UN No. : 1593 IATA : 6.1
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Hazard pictogram(s) :



Skin irritation



Aspiration hazard

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 06/08/2010
Date : 04/08/2010	Date : 04/08/2010	Date : 06/08/2010	AMEND NO. : P062