



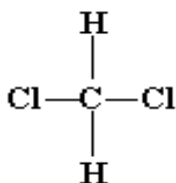
SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID:\PSI\20340XPS.xls
PRODUCT CODE	20340
PRODUCT NAME	DICHLOROMETHANE AR, ACS
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 liquid colour not more than 10 Hazen units.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless solution.
Minimum assay (By GC)	99.5%
Wt per ml at 20°C	1.323 - 1.325 g
Refractive Index (n) _D ²⁰	1.424 - 1.425
Boiling Range (38 - 41°C)	Min. 95.0%
MAXIMUM LIMIT OF IMPURITIES	
Water	0.02%
Acidity (HCl)	0.001%
Non volatile matter	0.001%
Free chlorine (Cl)	0.0001%
Formaldehyde (HCHO)	0.0001%
Copper (Cu)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Benzene content (C ₆ H ₆) (By GCHS)	2 ppm w/v

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.

IMDG Code : 6.1/III

UN No. : 1593

IATA : 6.1

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) :



Skin irritation



Aspiration hazard

Prepared By : Asmita Thakkar	Checked By : K.B.desai	Approved By : S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept : Sr.Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 04
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