

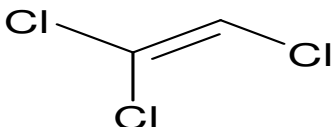


SDFCL
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Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20371XPS.xls
PRODUCT CODE	20371
PRODUCT NAME	TRICHLOROETHYLENE AR (Stabilized)
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	79-01-6
ATOMIC OR MOLECULAR FORMULA	C ₂ HCl ₃
ATOMIC OR MOLECULAR WEIGHT	131.39
PROPERTIES	Nonflammable, Photoreactive liquid
	
PARAMETER	LIMIT
Description	A clear & colourless liquid, colour not more than 10 Hz units, with a characteristic odour
Solubility	Miscible with alcohol, chloroform & diethyl ether
Minimum assay (By GC)	99.5%
Wt.per ml at 20°C	1.462 – 1.464 g
Refractive index (n) _D ²⁰	1.477-1.479
Boiling range (86 – 87.5°C)	Min. 95%
MAXIMUM LIMIT OF IMPURITIES	
Water	0.01%
Non volatile matter	0.001%
Acidity (HCl)	0.001%
Alkalinity (NaOH)	0.005%
Free chlorine (Cl)	0.00003%
Lead (Pb)	0.00001%
Iron (Fe)	0.00001%
Copper (Cu)	0.000002%
Aluminium (Al)	0.00005%
Calcium (Ca)	0.00005%
Chromium (Cr)	0.000002%
Nickel (Ni)	0.000002%
Zinc (Zn)	0.00001%
Stabilizer content (Thymol)	75 - 100 ppm
Note(s) : Assay (if Applicable) method mentioned.	

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. May cause drowsiness and dizziness. Causes skin irritation. Causes serious eye irritation. May cause CANCER. May damage the unborn child. Harmful to aquatic life with long lasting effects.

IMDG Code : 6.1/III
UN No. : 1710
IATA : 6.1

PRECAUTIONARY STATEMENTS :

Prevention : Obtain special instructions before use. Wash thoroughly after handling. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling.

Response : Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing IF ON SKIN: Gently wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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 : MANISH PATEL	Checked By: K.B.DESAI	Approved By: S.S.TOLIA	Issue Date : 11/05/2005
Name/Dept. : Sr.Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 04
Sign. :	Sign. :	Sign. :	Revision dt. : 12/12/2011
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