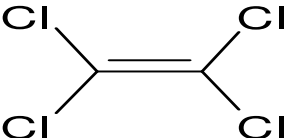




Product Specification

E Control	QC2\DATAD\DA\PS\24081XPS.xls
PRODUCT CODE	24081
PRODUCT NAME	TETRACHLOROETHYLENE FOR SPECTROSCOPY
SYNONYMS	Perchloroethylene for Spectroscopy
C.I. NO.	N/A
CASR NO.	127-18-4
ATOMIC OR MOLECULAR FORMULA	Cl ₂ C:CCl ₂
ATOMIC OR MOLECULAR WEIGHT	165.83
PROPERTIES	Non-flammable
	
PARAMETER	LIMIT
Description	A clear & colourless liquid.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming clear and colourless solution.
Minimum assay(By GC)	99.8%
Wt.per ml at 20 °C	1.621 - 1.622 g
Refractive Index (n) _D ²⁰	1.505 - 1.506
	MAXIMUM LIMIT OF IMPURITIES
Non volatile matter	0.001%
Water	0.01%
Acidity (HCl)	0.001%
Alkalinity (NH ₃)	0.0001%
Aldehyde & ketone (CH ₃) ₂ CO	0.005%
Minimum Transmission in a 1.0 cm cell at :	
290 nm	10%
300 nm	75%
320 nm	85%
350 nm	90%
400 nm	95%
Note(s) : Assay (if applicable) method mentioned.	
DANGER HAZARD STATEMENTS : May cause respiratory irritation.May cause drowsiness and dizziness.May be harmful if swallowed.Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May damage fertility. Toxic to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS : Prevention : Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash thoroughly after handling. Use personal protective equipment as required. 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. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. Disposal : ---	IMDG Code : --- UN No. : --- IATA : ---

Hazard pictogram(s):



Skin irritation



Aspiration hazard



Hazardous to the aquatic environment



Skin irritation Aspiration hazard Hazardous to the aquatic environment

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. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 23/08/2010
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