



## TRICHLORO ETHYLENE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	775790	C <sub>2</sub> HCl <sub>3</sub>
SYNONYMS	N/A	
C.I. NO.	N/A	
CASR NO.	79-01-6	
ATOMIC OR MOLECULAR FORMULA	C <sub>2</sub> HCl <sub>3</sub>	
ATOMIC OR MOLECULAR WEIGHT	131.39	
PROPERTIES	Nonflammable, Photoreactive liquid	
PARAMETER	LIMIT	
Description	A clear liquid, colour not more than 10 Hazen units in colour, 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	
Boiling Range	86-87°C	
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.477-1.479	
MAXIMUM LIMIT OF IMPURITIES		
Non volatile matter	0.0005%	
Water	0.01%	
Minimum transmission in a 1.0 cm cell at :		
300 nm	75%	
325 nm	83%	
350 nm	87%	
Note(s) :Assay (if applicable) method mentioned.		
<b>DANGER</b> <b>HAZARD STATEMENTS</b> : 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. <b>PRECAUTIONARY STATEMENTS</b> : <b>Prevention</b> : 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. <b>Response</b> : 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 removedclothing 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 andeasy to do. Continue rinsing.		IMDG Code :6.1/III UN No. :1710 IATA :6.1
<b>Disposal</b> : 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) :--		
<div><div> GHS07</div><div> GHS08</div></div>		

Replace Date 30-Jan-2026