



## Product Specification

### TRICHLORO ETHYLENE FOR HPLC & SPECTROSCOPY

<b>PRODUCT CODE</b>	<b>775790</b>
<b>SYNONYMS</b>	<b>N/A</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>79-01-6</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>2</sub>HCl<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>131.39</b>
<b>PROPERTIES</b>	<b>Nonflammable, Photoreactive liquid</b>



<b>PARAMETER</b>	<b>LIMIT</b>
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)	Min. 95%
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.**

#### 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.

#### 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.

IMDG Code :6.1/III

UN No. :1710

IATA :6.1

**Hazard Pictogram(s) : --**



Aspiration hazard. Skin irritation