

## TRICHLOROETHYLENE AR/ACS

PRODUCT CODE	663415
SYNOMYS	--
C.I. NO.	--
CASR NO.	(79-01-6)
ATOMIC OR MOLECULAR FORMULA	CHCl.CCl <sub>2</sub>
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) <sub>D</sub> <sup>20</sup>	1.477-1.479
Boiling range	86 – 87.5°C
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Water	0.02%
Non volatile matter	0.001%
Acidity (HCl)	0.0036%
Alkalinity (NaOH)	0.005%
Free chlorine (Cl)	0.00003%
Lead (Pb)	0.00001%
Iron (Fe)	0.00001%
Stabilizer content (Thymol)	75 - 100 ppm
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>DANGER 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>P PRECAUTIONARY STATEMENTS :</b> 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.	
<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 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.	
<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.	
<b>Hazard Pictogram(s) :</b>	
 GHS07	
 GHS08	
IMDG Code :6.1/III UN No. : 1710 IATA : 6.1	

Replace Date 30-Jan-2026