

## Trichloroethylene Make SRF

The chemical compound trichloroethylene is a halocarbon commonly used as an industrial solvent. It is a clear non-flammable liquid with a sweet smell. It should not be confused with the similar 1,1,1-trichloroethane, which is commonly known as chloroethene.

The IUPAC name is trichloroethene. Industrial abbreviations include TCE, trichloro, Trike, Tricky and tri. It has been sold under a variety of trade names. Under the trade names Trimar and Trilene, trichloroethylene was used as a volatile anesthetic and as an inhaled obstetrical analgesic in millions of patients.

### Primary Applications:

- Metal Cleaning and Degreasing (Automobile, Aviation, Industries where process involves Fabrications)
- Textile Processing
- Extraction Solvent of Oil and Fats.

### Physical and Chemical Properties:

S. No.	Characteristics	Unit	Specifications
1	Appearance	-	Clear Colorless Liquid
2	Purity by GC, w/w, Minimum	%	99.54
3	Non-Volatile matter, Maximum, m/m	%	0.0005
4	Relative density at 27/27°C	-	1.452-1.458
5	Residue on evaporation, Maximum	Mg/100 ml	15
6	Distillation yield between 86&88°C	% by Volume	94
7	Alkalinity, as Na <sub>2</sub> CO <sub>3</sub>	% by Mass	0.005-0.20
8	Free Chlorine	-	Not Detected
9	Moisture Maximum	ppm	82

### Packing:

- 300 Kgs net HMHDPE Carboy(Drums)
- M.S. Barrels
- Stainless Steel (isolated) tankers
- Isotanks