

Perchloroethylene Make SRF



Perchloroethylene(PCE) is a chlorocarbon with the formula $Cl_2C=CCl_2$. It is a colorless liquid widely used for dry cleaning of fabrics, hence it is sometimes called "dry-cleaning fluid"

Primary Applications:

- Dry-Cleaning
- Manufacturing of photopolymer printed boards
- De-greasing of metals in mechanical engineering, instrument – making industries
- Production of needles for disposal syringes
- Textile and woodworking industries
- Paint Strippers/ Spot removers.

Physical and Chemical Properties:

S. No.	Characteristics	Unit	Specifications
1	Appearance	-	Clear, almost Colorless Liquid, free from suspension and sediment.
2	Purity by GC, w/w, Minimum	%	99.90
3	Trichloroethylene content, w/w, Maximum	Ppm	50
4	Relative density at 27/27°C	-	1.610-1.620
5	Residue on evaporation, Maximum	%l	0.01
6	Distillation yield between 119 to 122°C, the temperature being corrected for 760 mmHg pressure Minimum	%	95
7	Alkalinity, (as NaOH), w/w	Ppm	5-30
8	Free Chlorine	-	Not Detected
9	Moisture, w/w, Maximum	ppm	100