

TECHNICAL SPECIFICATION FOR PRODUCT TECHNICAL TRICHLOROETHYLENE

APPROVED
 GENERAL MANAGER
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1. GENERALITIES

- 1.1. COMMERCIAL NAME: TECHNICAL TRICHLOROETHYLENE
 1.2. CHEMICAL NAME: TRICHLOROETHYLENE
 1.3. FIELD OF USAGE: It is used as solvent in chemical industry, as extraction agent for fats and oils, in chemical laundries and for cold and hot degreasing of metallic parts (excluding those of aluminium, magnesium and their alloys).

2. TECHNICAL CONDITIONS FOR QUALITY

No.	Property	MU	Conditions for Admissibility	Analysis methods
1.	Apperance	-	clear liquid	ASTM D 3741/2004
2.	Colour (Pt-Co scale)	unit. Hazen	max. 15	SR ISO 2211/1994
3.	Relative density d_4^{20}	-	1,455 ÷ 1,465	ASTM D 2111/2002
4.	Trichloroethylene content	%	min. 99	Gas chromatography Annex 1
5.	Water content	ppm	max. 100	SR ISO 760/1994
6.	Free chlorine content	-	None.	ASTM D 4755/2004
7.	Evaporation residue	ppm	max. 50	ASTM D 2109/2006
8.	pH of aqueous extract	unit. pH	8 ÷ 11	ASTM D 2110/2006

The product is stabilised with 1,2 butylene oxide.

3. PACKING

The product is packed in:

- stainless steel rail tanks
- stainless steel road tanks
- TDA barrels provided with gaskets made of materials resisiting against chlorinated organic solvents, at bungs.