

Technical Data Sheet

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Page 1, Total 1

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Item Name:

TCE

PRODUCT INFORMATION

Chinese Name:	三氯乙烯
Commodity Name:	TCE
Chemical Name:	Trichloroethylene
Other Name:	1-Chloro-2,2-Dichloroethylene, 1,2,2-Trichloroethylene, Ethylene Trichloride, Acetylene Trichloride
CAS No.:	79-01-6
Molecular Weight:	131.4
Molecular Formula:	C ₂ HCl ₃

PRODUCT DESCRIPTION

Insoluble in water, soluble in ethanol, ethyl ether, can dissolve in most organic solvents, mainly used as solvent, can also be used for degreasing, frozen, pesticide, spices, rubber industry, washing fabrics, etc. Stable. Incompatible with oxidizing agents, aluminium, magnesium, strong bases, reducing agents. Light-sensitive. Reacts violently with many metals, ozone, potassium nitrate, potassium hydroxide, sodium hydroxide.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless transparent liquid
Density (20°C) by g/cm	1.46 - 1.466
Initial boiling point by °C	85.5 min
Final boiling point by °C	91.0 max
Distilled 95% (v/v) temperature by °C	88.5 max
Distillation of residue by wt %	0.005 max

MAIN APPLICATION

- 1.Cleaning agents as a cleaner in cleaning metal parts and electronic components , mainly used in color TV, refrigerator, automobile, air conditioner, precision machinery and microelectronics industries, used to clean metal parts, electronic components, etc.
- 2.Chemical intermediates, as chemical intermediates in terms of consumption at present, downstream products of trichloroethylene tetrachloroethylene in domestic industrialized production, such as hexachloroethane, dichloro acetyl chloride, chlorine dipropyl ether, eight HFC - 134 - a and so on, are driven by HChemicalbookFC - 134 - a production.
3. As a solvent and extracting agent, the consumption accounts for about 15% of the total consumption, mainly used for production of pesticide, medicine, etc.

PACKING AND SHELF LIFE

Packing: 200kg iron drum

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.