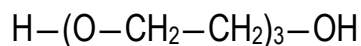




## TRIETHYLENE GLYCOL

2—2' ethylenedioxyethanol, triglycol, TEG



### Specification

No	Property	Value	Test method
1.	Purity, % wt, not less than	94,0	By difference*
2.	Monoethylene glycol, % wt, not more than	0,20	ASTM E 202 94a
3.	Diethylene glycol, % wt, not more than	6,0	ASTM E 202 94a
4.	Tetraethylene glycol	2,0	ASTM E 202 94a
5.	Water, % wt, not more than	0,1	ISO 760-78
6.	Acids as acetic acid, % wt, not more than	0,005	ASTM D 1613-96
7.	Colour, Pt-Co scale, not more than	50	ASTM D 1209-97
8.	Specific density at 20°C, g/cm <sup>3</sup>	1,120-1,130	EN SO 3675-95
9.	Distillation range, °C, 95% vol recovered at temperature	275-290	ASTM D 1078-99

\*- 100% minus % wt water, minus % wt monoethylene glycol, minus % wt diethylene glycol, minus % wt tetraethylene glycol.

### Product description

Stable, highboiling, hygroscopic liquid (270°C boiling temperature), without smell, soluble in water, alcohol and organic compounds which contain oxygen, nitrogen and sulphur.

### Production method

Interaction of ethylene oxide and water through mono and diethylene glycol.

### Application

Feedstock for production of lacquers and breaking liquid. Solvent of aromatic hydrocarbons. Softener in tobacco industry, for floatation of non-ferrous ores.

### Storage

In closed tanks under nitrogen blanket.

*Flash temperature: 165°C.*

### Transportation

Road and railway tankcars, metal drums and tankers meeting the regulations for the transportation of toxic materials.