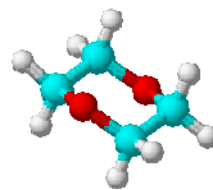


D0727FF	HPLC Line
<b>Warranty certificate</b>	
Assay	99.5%
Acidity	0.01%
Non-volatile residue	0.0005%
Peroxides (H <sub>2</sub> O <sub>2</sub> )	0.01%
Water (H <sub>2</sub> O)	0.025%
UV Transmission	
Quartz cuvette: 1 cm - control standard: water	
35 - 58 - 88	(Transmission %)
240 - 250 - 280	(Wavelength nm)



Packaging
2.5l amber glass bottle

Physical properties, composition and data	
Chemical formula	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>
Chemical group	Ethers
Atomic weight	88.11
Appearance	Colourless liquid, ethereal odour
Synonyms	1,4-Diethylene dioxide; 1,4-Dioxo cyclohexane; Diethylene ether; Dioxyethylene ether; Glycol ethyl ether
Density (g/ml)	1.033
Melting point	11.80°C
Boiling point	101.1°C
Flash point	18.3°C (open cup)
Auto ignition temperature	180°C
Solubility	Soluble in water, ethanol and other organic solvents
pH (aqueous solution)	6 - 8

Laboratory preparation, applications and practices	
Laboratory preparation	Ethylene glycol by treatment with acid
Usage	Solvent for celluloses and a wide range of organic products

Storage and handling information	
Safety phrases	16-36/37
Risk phrases	11-19-36/37-40

Transport regulations	
Tariff code	2932.90.80
Hazardous class	3
Packing group	II
UN number	1165

