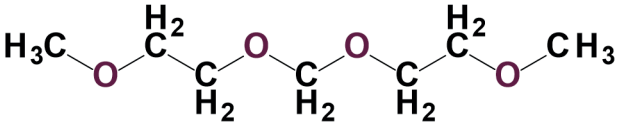
TOU

DESCRIPTION

CAS number	4431-83-8	Molecular formula	$C_7H_{16}O_4$
EC number	224-631-8	Molecular weight	164,2
IUPAC name	1-methoxy-2(2-methoxyethoxymethoxy)ethane		
EC name	2,5,7,10-Tetraoxaundecane		



PROPERTIES

Boiling point (°C) at 1013 hPa			201,5
Flash point (°C) at 1013 hPa	DIN 51755 part 2	Closed cup	88
Vapour pressure (kPa) at 20°C	ASTM D323 modified		0,0142
Evaporation rate	ASTM D3539	Butyl acetate = 1	0,038
Relative density at 20°C	OECD 109		0,9544
Surface tension (mN/m) at 25°C			31,5
Water solubility (g/L) at 20°C			Fully miscible
Kinematic viscosity (mm²/s) at 25°C			1,532
Hansen Solubility parameters (MPa^{½})	Total δ_T		18,01
	Dispersion δ_d		15,89
	Polarity δ_p		5,51
	Hydrogen bond δ_h		6,44

FEATURES

- Non flammable
- Slow drying
- High solvent power
- Fully water miscible
- Used as
  - Coalescing agent
  - Adhesion promoter on some plastics