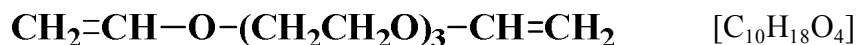


Article Triethyleneglycol divinyl ether
(Abbr. TEGDVE)

CAS 3, 6, 9, 12-Tetraoxatetradeca-1,13-diene

REG. No.	[765-12-8]
TSCA :	Inventory
ELINCS No.:	402-600-1
ENCS No.:	(7)-1321

1. Formula



2. Properties

Mol. Wt.	202.28	Density	d^{20}	1.0016	Appear.	Colorless Liq.
Melt. Pt.	°C	Boil. Pt.		110 °C (1.3 kPa)		
Sp. Heat	J/K·mol	Ref. Ind.	n^{20}	1.4533	Flash Pt.	136 °C
Vap. Heat	J/mol	Solubility				(Cleaveland Open Cup)
APHA		Viscosity		3.4 mPa·s (25°C)		

3. Average Analysis

Assay	98.0 %min.	Packing	Steel Drum	160 kg
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4. Precautions

Avoid contact with skin/eyes as well as swallowing/inhalation
LD₅₀[Oral-Rat] > 5 g/kg

5. Reactivities

Stable in half year without water and acid

Lewis acid	→ Polymerization	Halogen	→ Halide
Acid	→ Hydrolysis	Alkali	→ Stable
Alcohol/Acid	→ Acetal	Diels-Alder condensation	

React with RCH(OR')₂, RCOOH, HCN, COCl₂, CCl₄, HC(OR)₃, NH₃, etc.

6. Applications

Comonomer with Olefins (e. g. F₂C=CF₂), Siloxanediols, Diisocyanates, etc.
Modifiers for Adhesives, Coatings, Finishes, Lube-oil-additives, etc.
Providing Compatibility, Hydrophilicity, Plasticity, etc. and improving Processing, Dyeability, Toughness, Softness, Clarity, Brilliance, etc.

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