

## Technical Information

No. 4023

Article Diethyleneglycol divinyl ether  
(Abbr. DEGDVE )

CAS Ethene, 1,1'-[oxybis(2,1-ethanedioxy)]bis-

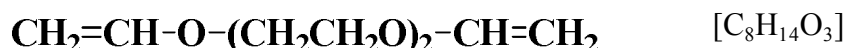
REG. No. [764-99-8]

TSCA : Inventory

EINECS No.: 212-133-3

ENCS No. (2)-2433

## 1. Formula



## 2. Properties

Mol. Wt.	158.20	Density	$d^{20}$	0.9712	Appear.	Colorless Liq.
Melt. Pt.	°C	Boil. Pt.		198.7 °C	Vap. Press.	
Sp. Heat	J/K·mol	Ref. Ind.	$n^{20}$	1.4456	Flash Pt.	85 °C
Vap. Heat	J/mol	Solubility				(Tag Closed Cup)
APHA		Viscosity		2.0	mPa·s (25°C)	

## 3. Average Analysis

Assay 98.0 %min. Packing Steel Drum 180 kg

## 4. Precautions

Avoid contact with skin/eyes as well as swallowing/inhalation

LD<sub>50</sub>[Oral-Rat] 2,570 mg/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')<sub>2</sub>, RCOOH, HCN, COCl<sub>2</sub>, CCl<sub>4</sub>, HC(OR)<sub>3</sub>, NH<sub>3</sub>, etc.

## 6. Applications

Comonomer with Olefins (e. g. F<sub>2</sub>C=CF<sub>2</sub>), 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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Sales and Marketing Department, Electronic and Functional Products Divison

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