

Technical Information

No. 4011

Article 2-Hydroxyethyl vinyl ether
(Abbr. HEVE)

CAS Ethanol, 2-(ethenyloxy)-

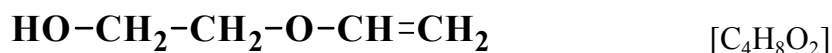
REG. No. [764-48-7]

TSCA :

EINECS No.: 212-124-4

ENCS No. (7)-97

1. Formula



2. Properties

Mol. Wt.	88.11	Density	d^{20}	0.9821	Appear.	Colorless Liq.
Melt. Pt.	°C	Boil. Pt.		143 °C	Vap. Press.	
Sp. Heat	J/K·mol	Ref. Ind.	n^{20}	1.4360	Flash Pt.	62 °C
Vap. Heat	J/mol	Solubility				(Tag Closed Cup)
		Viscosity		2.4	mPa·s (25°C)	

3. Average Analysis

Assay 98.0 %min. Packing Steel Drum 160 kg

4. Precautions

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

LD₅₀[Oral-Rat] 3,950 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')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.

Sales and Marketing Group, Functional Chemical Products

Sales and Marketing Department, Electronic and Functional Products Divison

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