

Technical Information

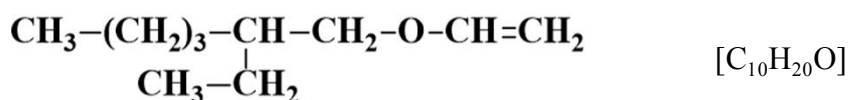
No. 4012

Article 2-Ethylhexyl vinyl ether
(Abbr. EHVE)

CAS Heptane, 3-[(ethenoxy)methyl]-

REG. No.	[103-44-6]
TSCA :	Inventory
EINECS No.:	203-111-4
ENCS No.	(2)-372

1. Formula



2. Properties

Mol. Wt.	156.27	Density	d^{20}	0.808	Appear.	Colorless Liq.
Melt. Pt.	-100 °C	Boil. Pt.		177 °C	Vap. Press.	1.3 kPa/67°C
Sp. Heat	J/K·mol	Ref. Ind.	n^{20}	1.4247	Flash Pt.	55 °C
Vap. Heat	J/mol	Solubility				(Tag Closed Cup)
		Viscosity		1.1	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] 1,350 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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