

IOTA-5073 Allyl-2,3-Epoxypropylether

English Name: Allyl glycidyl ether

Synonyms:

Allyl 2,3-epoxypropyl ether;

1-Allyloxy-2,3-epoxypropane

Formula: C₆H₁₀O₂

Molecular Weight: 114.14

CAS: 106-92-3

EINECS: 203-442-4

Physical and Chemical Properties:

Mp: -100°C

Bp: 154°C

Water Solubility: 50G/L(20°C)

Refractive index (n_{25D}): 1.4332-1.4352

Fp: 48°C

Density: 0.962 g/mL at 25 °C(lit.)

Applications:

1. IOTA-5073 used as organic silicon intermediate of electronic coating.
2. IOTA-5073 used as unsaturated and polyester air dry agent.
3. IOTA-5073 used in elastomer, epoxy resin additive, intermediates of fiber and coating reaction, ect.

Storage and Package:

1. Packed in 200L drums and protected with Nitrogen.
2. Must be stored in dark storeroom with below 25°C。 Please separate high oxidant, alkali and acid and keep away from heat power.
3. It will bring causticity for skin, eyes and pneogaster. Please equipped with proper defense before using.