

## LS-AGE

### 3. LS-AGE Alkyl (C12-C14) Glycidyl Ether

#### 3.1. Product Introduction

Chemical Name: Alkyl(C12- C14) Glycidyl Ether

Structural Formula: : C12~ C14H25-29OCH2(CHCH2)O



CAS No: 68609-97-2

Specific gravity(25 °C): 0.89

Boiling point: > 200°C, Flash point: > 93°C

Appearance& Characters: colorless transparent liquid, no irritant smell, low toxicity, low vapor pressure and low volatile content. It's an aliphatic glycidyl ether which is made from C12 ~ C14 alkyl alcohol and epichlorohydrin by scientific technique.

#### 3.2 Technical Data Sheet (TDS)

	Specification	Specification	Specification	Specification	Specification	Specification	Specification
Item	Color (APHA)	Viscosity (25°C, mPa*s)	Epoxy Value (Eq/100g)	Epoxide Equivalent (g/eq)	HY-CL (Eq/100g)	Inorganic Chlorine (Eq/100g)	Moistmure (%)
LS- AGE	≤60	6-12	0.32~0.35	270~313	≤0.02	≤0.005	≤0.1

PS:Customized Service is workable.

### 3.3 Application

It provides good flexibility and adhesion on nonpolar surfaces and shows excellent wetting characteristics. Mainly as a reactive diluent for high viscosity epoxy resins, compatible in all concentrations with epoxy resin, and as toughening agents. Widely used in high quality epoxy floor coatings, food grade epoxy paints, epoxy potting materials, casting materials, adhesives, insulation material and floor coatings.

### 3.4. Packing

Packed in 25 kg/plastic drum or 180 kg/plastic drum or iron drum

### 3.5.Attention in Storage:

3.5.1. Storage and transportation must conform to basic requirements of normal chemicals.

3.5.2. Stored in a cool, dark, dry and well ventilated area for one year. Keep away from ignition sources, heat and flame and sunlight.

3.5.3. It is necessary to maintain insulated (tightly seal) after use, in order to avoid negative influence arising from moisture absorption.

3.5.4. This product irritates to the skin and eyes. If contact with skin, wash with soap; if contact with eyes, rinse with plenty of water.

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