

Product Information

Alkyl (C12-C14) Glycidyl Ether

Product Description:

Alkyl (C12-C14) Glycidyl Ether, also known as AGE, is a clear, colorless, oily liquid with a mild odor. AGE has low volatility, low toxicity, low color, excellent substrate and filler wetting ability. The recommended maximum dosage of AGE is 20% of the resin formulation.

Applications:

AGE is primarily used as a viscosity reducing modifier in epoxy resin formulations. It is useful for resinous floor toppings, casting compounds, coatings, adhesives and electrical encapsulation systems. AGE is used as a chemical intermediate.

Chemical Formula:

$C_{12-14}C_3H_5O_2$

CAS No. :

68609-97-2

Specifications:

Parameters (units)	Specifications
Appearance	Clear, colorless, oily liquid
Viscosity, at 25 °C (mPa.s)	5 - 10
Epoxy value (no. per 100g)	0.30 - 0.37
Organochlorine (no. per 100g)	≤ 0.02
Inorganic chlorine (no. per 100g)	≤ 0.005
Color (APHA)	≤ 30
Moisture (%)	≤ 0.1

*% denoted represents wt/wt %, unless noted otherwise

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Packaging:

Material is available in 180 kg drums and 900 kg IBCs. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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