C12-C14 alkyl glycidyl ether

C12-C14 alkyl glycidyl ether · RS-AGE_C12-14 · CAS 68609-97-2 · Technical Data Sheet · RawSource · rawsource.com/product/c12-c14-alkyl-glycidyl-ether-reactive-diluent/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
68609-97-2	RS-AGE_C12-14	Alkyl glycidyl ether · epoxy reactive diluent

C12-C14 alkyl glycidyl ether is an epoxy modifier classed as an epoxy reactive diluent. It belongs to a family of glycidyl ethers used for viscosity reduction of epoxy resins, which are then formulated into coatings, sealants, adhesives and elastomers. Resins with this diluent tend to show improved workability. Use of the diluent affects the mechanical properties and microstructure of epoxy resins.

DISTRIBUTED BY
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GENERAL INFORMATION

Chemical name	C12-C14 alkyl glycidyl ether

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless Transparent liquid	Conform
Color, APHA	50 max	15
Viscosity, 25 °C, mPa·s	6 – 15	9.4
Epoxy Value, EQ/100g	0.32 – 0.37	0.34
Inorganic Chloride, EQ/100g	0.005 max	0.00001
Organo Chloride, EQ/100g	0.02 max	0.0007
Moisture, %	0.1 max	0.067

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- Tends to improve the workability of epoxy resins

APPLICATIONS

- Viscosity reduction of epoxy resins
- Epoxy resins for coatings, sealants, adhesives and elastomers

Applications are those stated for the product. Confirm suitability for each formulation by trials.

HANDLING REQUIREMENTS

- Store in a dry and ventilated indoor storeroom.
- Keep out of direct sunlight.

PACKAGING AND SHELF LIFE

- 180 kg drums
- 900 kg IBC
- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.