1,4-Cyclohexanedimethanol diglycidyl ether

1,4-Cyclohexanedimethanol diglycidyl ether · RS-CHDMDGE · CAS 14228-73-0 · Technical Data Sheet · RawSource · rawsource.com/product/1-4-cyclohexanedimethanol-diglycidyl-ether-chdmdge/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
14228-73-0	RS-CHDMDGE	Glycidyl ether · epoxy reactive diluent

1,4-Cyclohexanedimethanol diglycidyl ether has an alicyclic structure. Because the molecule has oxirane functionality, it is used mainly as a reactive diluent. It is also used as a monomer in UV curing systems.

DISTRIBUTED BY
RawSource Inc.
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Product page: rawsource.com/product/1-4-cyclohexanedimethanol-diglycidyl-ether-chdmdge/
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GENERAL INFORMATION

Chemical name	1,4-Cyclohexanedimethanol diglycidyl ether
Molecular formula	$C_{14}H_{24}O_4$

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless to light yellow transparent liquid	Conform
Color, APHA	50 max	9
Viscosity, 25 °C	45 – 75 mPa·s	60.7 mPa·s
Epoxy Equivalent	150 – 170 g/eq	152.1
Hydrolyzable chloride	1,000 ppm max	874 ppm

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

KEY FEATURES

- Hydrophobicity
- Low water absorption
- Low dielectric property
- Low molecular weight
- Liquid at room temperature
- Good affinity with various epoxies

APPLICATIONS

- Reactive diluent for high solids coatings
- Reactive diluent for high-performance epoxy pastes
- Electrical and electronic adhesives and potting agents
- Photoresists
- Structural adhesives
- Monomer in UV curing systems

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

- 1,000 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.