

# IFC-2951

Dodecyl to tetradecyl glycidyl ether



## Technical Data Sheet

Name: IFC-2951

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### Product Description

IFC-2951 is a single epoxy-based reactive diluent with the advantages of low toxicity, colorless, no irritating odor. Containing ether bond and epoxy group, it has excellent dilution ability for general-purpose epoxy resin. It has outstanding wetting and dispersing ability to non-polar surfaces and fillers, and participates in curing to form a homogeneous system, within the usage range of not more than 15phr. Within the range of 15phr dosage, it not only has less influence on the performance of cured material, but also improves the flexibility and impact resistance of cured material. IFC-2951 has high cost performance. Mainly used as active diluent of epoxy resin for: solvent-free coatings, adhesives, electronic potting, electrician casting, composite material impregnation and color paste grinding base material and other fields.

### Characteristic data\*

Property	Value	Unit
Appearance	Colorless to light yellow transparent liquid	
Epoxide equivalent	290-310	g/eq
Viscosity	≤15	mPa.s/25°C
Hydrolyzable chlorine	≤0.1	%

\*These properties are typical but do not constitute specifications.

### Storage

The product should be stored in dry condition between 10~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

### Disclaimer

Foshan Shunde Infinechem Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended

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formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.