



Reliance Value Innovation

# SHANGHAI SUNWISE CHEMICAL Co., Ltd.

ISO9001:2008 certified

[www.sunwisechem.com](http://www.sunwisechem.com)

## TECHNICAL DATA SHEET

**Product Name:** 2,3-Epoxypropyltrimethylammonium chloride

### Identification

**Synonyms** (2,3-Epoxypropyl)trimethyl ammoniumchloride; Glycidyl trimethyl ammonium chloride; N,N,N-Trimethyl oxiranemethaminium chloride

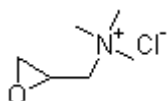
**Molecular Formula** C<sub>6</sub>H<sub>14</sub>ClNO

**Molecular Weight** 151.64

**CAS Number** 3033-77-0

**EINECS/ELINCS** 221-221-0

### Structure



### Properties

**Appearance** White crystals

**Melting Point** 140°C

**Flash Point** 170°C

**Density** 1.13g/ml at 20°C (lit.)

**Stability** stable under ordinary conditions

### Specification

Item	Specification
Appearance	White crystals
Content	95% min
Epichlorohydrin	1000ppm max
PH	11 min

### Application

It can react with a variety of substances, such as starch, cellulose, guar gum, polyacrylamide. It reacts with starch directly to produce cationic starch. It is widely used in paper industry, daily chemical industry, petroleum industry, water treatment industry and other fields.

### Packing and Storage

**Packing:** In 25kgs net plastic woven bag.

**Storage:** Keep container tightly closed in a dry, cool and well-ventilated place.

### Safety Information

Non-hazardous for air, sea and road freight.

Detailed safety information is contained in each Material Safety Data Sheet, which can be obtained from our company. Please contact at: [sales@sunwisechem.com](mailto:sales@sunwisechem.com).

