

MATERIAL SAFETY DATA SHEET

Product Name: LX-112

Catalog Number: 21310, 21311

Synonyms: 1,2,3-Propanetriol, polymer with 2-(chloromethyl)oxirane, Epon 812 substitute

MSDS Prepared: 1/2012

Distributed By: Ladd Research Industries
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CHEMICAL COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Glycerol Polyglycidyl Ether	25038-04-4	99% min	Not established

EU Labeling and Classification: This product meets the definition of the following hazard class(es) as defined by the European Union Council Directive 67/548/EEC or subsequent Directives.

Classification: Xi (Irritating)

EU Safety Phrases: [S: 2]; [S: 26]; [S: 36/37/39]; [S: 45]

EU Risk Phrases: [R: 36/37/38]

PHYSICAL AND CHEMICAL DATA

Boiling Point: Not determined

Specific Gravity: 1.24

Solubility: Partial solubility in some organic solvents (e.g. acetone, methylene chloride)

Appearance and Odor: Transparent colorless to light yellow liquid. Faint odor

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 209°C

Autoignition Temperature: Not determined

Explosive Limits: Not determined

Extinguishing Media: Carbon dioxide, dry chemical

Special Fire Fighting Procedures: Avoid breathing fumes, evacuate area, wear self-contained breathing apparatus and full protective clothing while fighting fire.

HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, skin, ingestion

Inhalation: Nose and throat irritation.

Skin: Irritation

Eye: Irritation

Ingestion: Nausea and possibly vomiting.

EMERGENCY AND FIRST AID

Inhalation: Remove to fresh air. If breathing has stopped administer artificial respiration. Seek medical attention.

Skin: Wash with large amounts of soap and water until all evidence of chemical is gone. Wash contaminated clothing before reuse.

Eye: Flush eyes with large amounts of water for at least 15 minutes.

Ingestion: If conscious, induce vomiting. Seek medical attention.

REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Extremely high temperatures, strong acids, strong bases.

Incompatibility: Strong acids, strong alkalis, strong oxidizers.

Hazardous Decomposition Products: Toxic oxides of carbon and possibly toxic chlorine compounds.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Wear respirator or self-contained breathing apparatus and protective clothing. Soak up in an inert material. Place in an impervious container and seal tightly. Label clearly for disposal.

Disposal: Dispose of in accordance with federal, state and local regulations.

Handling and Storage: Keep container tightly closed. Store in cool and well ventilated area.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Respiratory: NIOSH approved respirator if chemical hood unavailable.

Gloves: Impervious (nitrile, butyl rubber, etc.)

Eye: Splash proof goggles.

Ventilation: Use in an efficient fume hood.

SECTION 313 SUPPLIER NOTIFICATION

Not applicable.

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