

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** LFD Glassware Detergent  
**PRODUCT ID:** 2101X  
**PRODUCT USE:** Cleaning compound  
**EMERGENCY:** CALL CHEMTREC 1-800-424-9300

**MANUFACTURER:** National Chemicals, Inc.  
 PO Box 32, Winona, MN 55987  
 800-533-0027 or 507-454-5640  
 info@NationalChemicals.com

## SECTION 2 HAZARDS IDENTIFICATION

### GHS CLASSIFICATION:

Health	Environmental	Physical
Eye Irritation: Category 2B		

**Hazard Symbols:**

**Signal Word:**

**WARNING**

Hazard Statements	Precautionary Statements
H320: Causes eye irritation	P102: Keep out of reach of children P264: Wash thoroughly after handling

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Methyl-oxirane polymer with oxirane	9003-11-6	≤ 10%
Glycolic Acid	79-14-1	≤ 5%

*Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.*

## SECTION 4 FIRST AID MEASURES

**If in Eyes:** Rinse cautiously with for several minutes. Remove contact lenses, if present. If irritation persists, get medical advice.  
**If on Skin:** Rinse with water.  
**If Inhaled:** Remove to fresh air. If breathing is difficult, get medical attention.  
**If Ingested:** Give large amounts of water. Do not induce vomiting.

## SECTION 5 FIREFIGHTING MEASURES

**Flammable Properties:** Not Flammable  
**Suitable Extinguishing Media:** Use extinguishing agents suitable for surrounding fire.  
**Protection for Firefighters:** Wear self-contained breathing apparatus and full protective gear, as with any fire.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Ventilate area. Use personal protective equipment. Contain spill with dikes, sandbags, etc.  
**Methods For Cleaning Up:** Soak up with absorbent material. Flush remaining material with plenty of water.

## SECTION 7 HANDLING AND STORAGE

**Handling :** Avoid contact with eyes. Wash thoroughly after handling. Do not swallow. When mixing, slowly add chemical to water. Never add water to chemical.  
**Storage:** Keep container tightly closed and properly labeled. Store in a cool, dry place.

## SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

**Personal Equipment:** Wear safety glasses with side shields.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear, colorless Liquid  
**Odor:** Odorless  
**Water Solubility:** Soluble

**Boiling Point:** Greater than 212°F (100 °C)  
**Freezing Point:** Less than 32 °F (0 °C)

## SECTION 10 STABILITY AND REACTIVITY

**Stability:** Stable at normal temperatures and pressure.  
**Incompatible Materials:** Avoid contact with strong acids

## SECTION 11 TOXICOLOGICAL INFORMATION

**Likely Routes Of Exposure:** Eye and skin contact.

**Acute Systems And Effects:** The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur

**Eye Contact:** Exposure may cause irritation.

**Skin Contact:** Exposure may cause slight skin irritation.

**Chronic Effects:** None known

## SECTION 12 ECOLOGICAL INFORMATION

**Biodegradation:** Not known.

**Eco-toxicity:** Not harmful to aquatic life.

## SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

## SECTION 14 TRANSPORT INFORMATION

**Hazard Class:** Not classified as hazardous according to Department of Transportation

## SECTION 15 REGULATORY INFORMATION

**TSCA Inventory Status:** All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.

**SARA TITLE III,**

**SECTIONS 311/312:** ACUTE: No CHRONIC: No FIRE: No REACTIVE: No SUDDEN RELEASE: No

**SARA TITLE 313:** Not regulated

## SECTION 16 OTHER INFORMATION

**Training Necessary:** Yes, training in practices and procedures contained in product literature or on product label

**Issue Date:** May 20, 2015

**Supersedes:** June 29, 2010

*This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.*