

## Section 1 – Chemical Product and Company Identification

MSDS Name: LR-1200

Use of Substance: Chemical intermediate

Reach Registration: Not yet registered

Company: Optima Chemicals Group, LLC  
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## Section 2 – Hazards Identification

Pictogram:



Signal Word: Warning

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary Statements:

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 If on skin: Wash with plenty of soap and water.

P304 + P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a poison center or doctor/ physician if you feel unwell.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

NFPA Ratings Health: 2      Flammability: 1      Reactivity: 0

### Section 3 – Composition, Information on Ingredients

This product is a mixture (not a pure substance).

<u>CAS #</u>	<u>EINECS #</u>	<u>Chemical Name</u>	<u>%</u>
68876-97-1	272-538-6	2-butyne-1,4-diol, w/epichlorohydrin and sodium sulfite reaction products	40-60

### Section 4 – First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, lifting upper and lower lids.

Skin: Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing.

Ingestion: Wash mouth out with water. Have victim drink 1-3 glasses of water. Get medical aid.

Inhalation: Remove from exposure, to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Most important symptoms and effects: Symptoms are irritation to the skin and eyes upon exposure. There are no known chronic effects from exposure.

### Section 5 – Fire Fighting Measures

Fire Extinguishing Agents Recommended: Water Fog, CO<sub>2</sub>, dry chemical powder, or appropriate foam.

Fire Extinguishing Agents to Avoid: None

Special Fire fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards: May emit irritating fumes under fire conditions.

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### **Section 6 – Accidental Release Measures**

Large Spills: Wear the appropriate protective equipment. Contain the spill, soak up with absorbent material, and place into appropriate containers for disposal as a hazardous waste.

Small Spills: Wear the appropriate protective equipment. Contain the spill, soak up with absorbent material, and place into appropriate containers for disposal as a hazardous waste.

### **Section 7 - Handling and Storage**

Handling: Use in a well ventilated area. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Keep container tightly closed.

Storage: Store in cool, dry, and well ventilated place. Store in a tightly closed container.

### **Section 8 – Exposure Controls, Personal Protection**

No regulatory exposure limits have been set.

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Eyes: Wear appropriate protective eyeglasses or chemical goggles.

Skin: Wear appropriate protective clothing and gloves to prevent skin exposure.

Respiratory: Wear NIOSH/MSHA approved respirator if needed for known exposures. Respiratory protection is not required under normal handling conditions.

### **Section 9 – Physical and Chemical Properties**

Appearance and Odor: Amber liquid with ether-like odor

Melting Point: N/A

Boiling Point: ~ 100 degrees C

Flash Point: N/A

Vapor Pressure: N/A

Specific Gravity: N/A

pH: 3 - 5

Water Solubility: Completely soluble

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### **Section 10 – Stability and Reactivity**

Stability: stable under normal handling conditions.

Incompatibility: Strong oxidizing agents. Extreme temperatures and direct sunlight.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None expected.

Conditions to Avoid: Incompatibilities. Extreme temperatures and direct sunlight.

### **Section 11 – Toxicological Information**

No LD50 or LC 50 information available

Acute Toxicity: No data available

Chronic Toxicity: Not listed as a Carcinogen by ACGIH, IARC, NIOSH, NTP, or OSHA.

### **Section 12 – Ecological Information**

No information available.

### **Section 13 – Disposal Considerations**

Prevent the material from entering drains or water courses. Dispose of in accordance with all local, state, and federal regulations.

### **Section 14 – Transport Information**

DOT Shipping: Not regulated

Not Regulated under DOT, IATA, IMDG, or ADR.

### **Section 15 – Regulatory Information**

European Labeling in Accordance with EC Directives

TSCA: Not listed on inventory

SARA Title 111 Reporting Requirements:

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Section 311/312 Inventory reporting hazard categories: Acute

Section 313 Release reporting: Not required

Reportable Quantity: Not applicable

### **Section 16 – Additional Information**

Creation Date: 6/6/2007

Revised: 2/10/2011, 5/12/15

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