

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
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**Tel:** +91 250 2390032 / 2390989 / 2390990

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Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### GLYCYL-L-VALINE 99% (Extra Pure) MSDS CAS: 1963-21-9

#### Section 1: Chemical Product and Company Identification

##### Section 1: Chemical Product

**Product Name:** GLYCYL-L-VALINE 99% (Extra Pure)

**CAS#:** 1963-21-9

**Chemical Name:** GLYCYL-L-VALINE 99% (Extra Pure)

**Chemical Formula:** C7H14N2O3

**Brand :** OXFORD

##### Details Of The Supplier Of The Safety Data Sheet :

**Company identification:** OXFORD LAB FINE CHEM LLP  
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,  
Navghar, Vasai (East). Palghar - 401 210.  
Mumbai, Maharashtra, INDIA.  
Tel: 91-250-2390989  
Tel/Fax: 91-250-2390032

#### Section 2: Composition and Information on Ingredients

##### **Substances:**

**Synonyms:** Not available.

**Formula:** C7H14N2O3

**Molecular weight:** 174.20

**CAS#:** 1963-21-9

## Section 3: Hazards Identification

### Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. EU-GHS/CLP]:

Serious eye damage/eye irritation (Category 1).

Classification according to EU Directives 67/548/EEC or 1999/45/EC:

Irritating to eyes.

## Section 4: First Aid Measures

### Description of first aid measures:

#### If inhaled:

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### In case of skin contact:

Wash off with soap and plenty of water.

#### In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed:

Never give anything by mouth to an unconscious person. Rinse mouth with water.

## Section 5: Fire and Explosion Data

### Extinguishing media:

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Carbon oxides, nitrogen oxides (NO<sub>x</sub>).

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Further information:** No data available.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## Section 6: Accidental Release Measures (Continued)

**Methods and materials for containment and cleaning up:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.

**Conditions for safe storage, including any incompatibilities:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Recommended storage temperature-**Store below 30°C

## Section 8: Exposure Controls/Personal Protection

**Exposure controls: Appropriate engineering controls:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Personal protective equipment:**

**Eye/face protection:** Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific work place

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK(EN 14387) respirator cartridges as a backup to the engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	<b>: Solid. (Crystals or powder)</b>
<b>Odor</b>	<b>: Not available.</b>
<b>Taste</b>	<b>: Not available.</b>
<b>Molecular Weight</b>	<b>: Not available.</b>
<b>Color</b>	<b>: White.</b>
<b>pH (1% soln/water)</b>	<b>: Not available.</b>
<b>Boiling Point</b>	<b>: Not available.</b>
<b>Melting Point</b>	<b>: Not available.</b>
<b>Critical Temperature</b>	<b>: Not available.</b>
<b>Specific Gravity</b>	<b>: Not available.</b>
<b>Vapor Pressure</b>	<b>: Not available.</b>
<b>Vapor Density</b>	<b>: Not available.</b>
<b>Volatility</b>	<b>: Not available.</b>
<b>Odor Threshold</b>	<b>: Not available.</b>
<b>Water/Oil Dist. Coeff.</b>	<b>: Not available.</b>
<b>Ionicity (in Water)</b>	<b>: Not available.</b>
<b>Dispersion Properties</b>	<b>: Not available.</b>
<b>Solubility</b>	<b>: Not available.</b>

## Section 10: Stability and Reactivity Data

<b>Stability</b>	<b>: Not available.</b>
<b>Instability Temperature</b>	<b>: Not available.</b>
<b>Conditions of Instability</b>	<b>: Not available.</b>
<b>Incompatible materials</b>	<b>: Strong oxidizing agents</b>
<b>Corrosivity</b>	<b>: Not available.</b>
<b>Special Remarks on Reactivity</b>	<b>: Not available.</b>
<b>Special Remarks on Corrosivity</b>	<b>: Not available.</b>
<b>Polymerization</b>	<b>: Will not occur.</b>
<b>Hazardous decomposition products</b>	<b>: Not available.</b>

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## Section 11: Toxicological Information

**Information on toxicological effects:**

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No data available.

**Serious eye damage/eye irritation:** No data available.

**Respiratory or skin sensitization:** No data available.

**Carcinogenicity IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## Section 12: Ecological Information

**Toxicity**

**Toxicity to fish:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Results of PBT and vPvB assessment:** No data available.

**Other adverse effects:** No data available.

## Section 13: Disposal Considerations

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licenced professional waste disposal service to dispose of this material.

**Contaminated packaging:** Dispose of as unused product.

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## Section 14: Transport Information

### Land transport (ADR-RID)

**General information:** Not regulated.

### Sea transport (IMDG) [English only]

**General information:** Not regulated.

### Air transport (ICAO-IATA) [English only]

**General information:** Not regulated.

## Section 15: Other Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **Chemical safety assessment**

No data available.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

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