

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

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**Oxford**  
Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### **GLYOXAL BIS (2-HYDROXYANIL) AR** **(1,2-Bis{2-Hydroxy Phenylimino}Ethane)** **MSDS CAS: 1149-16-2**

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

##### Section 1: Chemical Product

**Product Name:** GLYOXAL BIS (2-HYDROXYANIL) AR

**CAS#:** 1149-16-2

**Synonym:** 1,2-Bis{2-Hydroxy Phenylimino}Ethane

**Chemical Name:** Glyoxal Bis (2-Hydroxyanil) AR

**Chemical Formula:** C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

**Brand:** OXFORD

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

**Company identification:**      **OXFORD LAB FINE CHEM LLP**  
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#### **Section 2: Composition and Information on Ingredients**

##### Composition:

Name	CAS #	% by Weight
Glyoxal Bis (2-Hydroxyanil) AR	1149-16-2	100

## Section 3: Hazards Identification

### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

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

Xi Irritant R36/37/38

### Label elements

#### Labelling according Regulation (EC) No 1272/2008

##### Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

##### Precautionary statement(s)

P261 Avoid breathing dust.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements: None

Other hazards: None

## Section 4: First Aid Measures

### Description of first aid measures

#### General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled:

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

#### In case of skin contact:

Wash off with soap and plenty of water. Consult a physician.

## Section 4: First Aid Measures (Continued)

**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. Consult a physician.

**Most important symptoms and effects, both acute and delayed:**

The most important known symptoms and effects are described in the labelling.

**Indication of any immediate medical attention and special treatment needed:**

No data available

## 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:** No data available

**Advice for firefighters:** Wear self contained breathing apparatus for fire fighting if necessary.

**Further information:** No data available

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

### Precautions for safe handling:

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

### Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

### Components with workplace control parameters

### Exposure controls

#### Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection:

Safety glasses with side-shields conforming to EN166 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:

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection:

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure: Do not let product enter drains.

## Section 9: Physical and Chemical Properties

<b>Appearance Form</b>	<b>: Crystalline</b>
<b>Colour</b>	<b>: Buff coloured powder.</b>
<b>Odour</b>	<b>: odourless.</b>
<b>Odour Threshold</b>	<b>: No Data Available</b>
<b>Molecular Weight</b>	<b>: 240,26 g//mole</b>
<b>pH</b>	<b>: No Data Available</b>
<b>Melting Point</b>	<b>: 194 - 196 °C</b>
<b>Boiling Point</b>	<b>: No Data Available</b>
<b>Flash Point</b>	<b>: No Data Available</b>
<b>Evapouration Rate</b>	<b>: No Data Available</b>
<b>Flammability (Solid, Gas)</b>	<b>: No Data Available</b>
<b>Explosive Limits</b>	<b>: No Data Available</b>
<b>Vapour Pressure</b>	<b>: No Data Available</b>
<b>Vapour Density</b>	<b>: No Data Available</b>
<b>Relative Density</b>	<b>: No Data Available</b>
<b>Water Solubility</b>	<b>: No Data Available</b>
<b>Partition Coefficient: Noctanol/Water:</b>	<b>No Data Available</b>
<b>Auto-Ignition Temperature</b>	<b>: No Data Available</b>
<b>Decomposition Temperature</b>	<b>: No Data Available</b>
<b>Viscosity</b>	<b>: No Data Available</b>
<b>Explosive Properties</b>	<b>: No Data Available</b>
<b>Oxidizing Properties</b>	<b>: No Data Available</b>

## Section 10: Stability and Reactivity Data

**Reactivity:** No data available.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No data available

**Conditions to avoid:** No data available

**Incompatible materials:** Strong oxidizing agents

## Section 10: Stability and Reactivity Data (Continued)

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO<sub>x</sub>)  
Other decomposition products - no data available

## 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

Germ cell mutagenicity: 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.

Reproductive toxicity: No data available

### Specific target organ toxicity - single exposure

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

### Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## Section 12: Ecological Information

**Toxicity:** 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**

PBT/vpvb assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects:** No data available

## Section 13: Disposal Considerations

**Waste treatment methods**

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

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

## 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

**This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.**  
**Safety, health and environmental regulations/legislation specific for the substance or mixture:**  
No data available.

**Chemical Safety Assessment:**

For this product a chemical safety assessment was not carried out.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### ***Disclaimer:***

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