

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
Navghar, Vasai (East), Palghar - 410210.  
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Tel: +91 250 2390032 / 2390989 / 2390990

Email: sales@oxfordlabchem.com /  
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Web: www.oxfordlabchem.com



Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### GUANINE SULPHATE AR

MSDS CAS: 10333-92-3

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

##### Section 1: Chemical Product

Product Name: Guanine Sulphate AR

CAS#: 10333-92-3

Chemical Name: Guanine Sulphate AR

Chemical Formula:  $C_5H_5N_5O_1/2H_2SO_4$

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

##### Composition:

Name	CAS #	% by Weight
Guanine Sulphate	10333-92-3	99 %

Toxicological Data on Ingredients: Not available.

## Section 3: Hazards Identification

**Special Indication Of Hazards To Humans And The Environment:**  
Irritating to eyes, respiratory system and skin.

## Section 4: First Aid Measures

**Eye Contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Skin Contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Serious Inhalation:** Not available.

**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Serious Ingestion:** Not 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:** Emits toxic fumes under fire conditions.

**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 respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

**Methods and materials for containment and cleaning up:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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## Section 7: Handling and Storage

**Precautions for safe handling:** No data available.

**Conditions for safe storage, including any incompatibilities:** No data available.

## Section 8: Exposure Controls/Personal Protection

**Control parameters:**

**Engineering Controls** : Mechanical exhaust required.

**Personal Protective Equipment** :

**Special Protective Measures** : Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	: Powder.
<b>Odor</b>	: Not available.
<b>Taste</b>	: Not available.
<b>Molecular Weight</b>	: 200.20
<b>Color</b>	: White.
<b>pH (1% soln/water)</b>	: Not available.
<b>Boiling Point</b>	: Not available.
<b>Melting Point</b>	: Not available.
<b>Critical Temperature</b>	: Not available.
<b>Specific Gravity</b>	: Not available.
<b>Vapor Pressure</b>	: Not available.
<b>Vapor Density</b>	: Not available.
<b>Volatility</b>	: Not available.
<b>Odor Threshold</b>	: Not available.
<b>Water/Oil Dist. Coeff.</b>	: Not available.
<b>Ionicity (in Water)</b>	: Not available.
<b>Dispersion Properties</b>	: Not available.
<b>Solubility</b>	: Not available.

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## Section 10: Stability and Reactivity Data

<b>Stability</b>	: Stable under recommended storage conditions.
<b>Instability Temperature</b>	: Not available.
<b>Conditions of Instability</b>	: Not available.
<b>Incompatible materials</b>	: Not available.
<b>Corrosivity</b>	: Not available.
<b>Special Remarks on Reactivity</b>	: Not available.
<b>Special Remarks on Corrosivity</b>	: Not available.
<b>Hazardous Decomposition Products</b>	: Carbon monoxide, Carbon dioxide, Hydrogen chloride gas.
<b>Polymerization</b>	: Will not occur.

## Section 11: Toxicological Information

**Signs And Symptoms Of Exposure:**

**Route Of Exposure**

**Inhalation** : Material is irritating to mucous membranes and upper respiratory tract.

**Multiple Routes** : Causes eye and skin irritation. May be harmful by inhalation, ingestion, or skin absorption.

**Conditions Aggravated**

## Section 12: Ecological Information

**By Exposure** : The toxicological properties have not been thoroughly investigated.

**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.

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## Section 13: Disposal Considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## 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

**Classification And Labeling According To Eu Directives:**

**Indication of Danger:** Xi Irritant.

**R-Phrases** : 36/37/38 Irritating to eyes, respiratory system and skin.

**S-Phrases** : 26-36 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

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