

# 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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## MATERIAL SAFETY DATA SHEET

### BIAL'S ORCINOL REAGENT (Sumner)

MSDS CAS : -

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

##### Section 1: Chemical Product

Product Name : BIAL'S ORCINOL REAGENT (Sumner)

CAS#: Not available.

C.I. No.: Not available.

Synonym : Not available.

Chemical Name: Not available.

Chemical Formula: Not available.

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
BIAL'S ORCINOL REAGENT	-	100%

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## Section 3: Hazards Identification

### Classification of the substance or mixture

**Classification according to Regulation (EC) No 1999/45**

**Classification** : C; R35  
Xi; R37

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

**Health hazards** : Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314

**Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## Section 4: First Aid Measures

### Description of first aid measures

#### **Inhalation**

Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

#### **Skin contact**

Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing.

#### **Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

#### **Ingestion :**

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

### Most important symptoms and effects, both acute and delayed

**Symptoms relating to use** : Causes severe skin burns and eye damage.

### Indication of any immediate medical attention and special treatment needed

**General information:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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## Section 5: Fire and Explosion Data

### Extinguishing media

#### Extinguishing media

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

#### Special hazards arising from the substance or mixture

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.  
Thermal decomposition generates : Corrosive vapours.

#### Advice for fire-fighters

**Protection against fire** : Do not enter fire area without proper protective equipment,  
Including respiratory protection.

**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject)  
fire-fighting water to enter environment.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**For emergency responders** : Equip clean-up crew with proper protection.  
Ventilate area.

**For non-emergency personnel** : Evacuate unnecessary personnel.

### Environmental precautions

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if  
product enters sewers or public waters.

### Methods and materials for containment and cleaning up

**Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.  
Collect spillage. Store away from other materials.

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## Section 7: Handling and Storage

### Precautions for safe handling Handling

: Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling.

### Technical protective measures

: Provide good ventilation in process area to prevent formation of vapour.

### Conditions for safe storage, including any incompatibilities

#### Storage

: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

#### Storage regulation

: Comply with applicable regulations.

#### Storage - away from

: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

#### Specific end uses

#### Specific end use(s)

: None.

## Section 8: Exposure Controls/Personal Protection

### Personal protection

- Respiratory protection
- Hand protection
- Skin protection
- Eye protection
- Others

- : Avoid all unnecessary exposure.
- : Wear approved mask.
- : Wear protective gloves.
- : Wear suitable protective clothing.
- : Chemical goggles or safety glasses.
- : When using, do not eat, drink or smoke.

### Control parameters

#### Occupational Exposure Limits

: No data available.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

#### Physical state at 20 °C

: Liquid.

## Section 9: Physical and Chemical Properties (Continued)

<b>Color</b>	: Colourless
<b>Odor</b>	: Characteristic.
<b>Odor threshold</b>	: No data available.
<b>pH value</b>	: No data available.
<b>Melting point [°C]</b>	: -114.1 °C.
<b>Decomposition point [°C]</b>	: No data available.
<b>Critical temperature [°C]</b>	: No data available.
<b>Auto-ignition temperature [°C]</b>	: No data available.
<b>Flammability (solid, gas)</b>	: No data available.
<b>Flash point [°C]</b>	: No data available.
<b>Boiling point [°C]</b>	: 78.37 °C.
<b>Initial boiling point [°C]</b>	: No data available.
<b>Final boiling point [°C]</b>	: No data available.
<b>Evaporation rate</b>	: No data available.
<b>Vapour pressure [20°C]</b>	: No data available.
<b>Vapour pressure mm/Hg</b>	: No data available.
<b>Vapour density</b>	: No data available.
<b>Density [g/cm<sup>3</sup>]</b>	: No data available.
<b>Relative density, gas (air=1)</b>	: No data available.
<b>Relative density, liquid (water=1)</b>	: No data available.
<b>Solubility in water [% weight]</b>	: No data available.
<b>Solubility in water</b>	: No data available.
<b>Log Pow octanol / water at 20°C</b>	: No data available.
<b>Solubility</b>	: No data available.
<b>Viscosity at 40°C [mm<sup>2</sup>/s]</b>	: No data available.
<b>Molecular Weight</b>	: No data available.

### Other information

<b>Explosive properties</b>	: No data available.
<b>Explosion limits - upper [%]</b>	: No data available.
<b>Explosion limits - lower [%]</b>	: No data available.
<b>Oxidizing properties</b>	: No data available.

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## Section 10: Stability and Reactivity Data

### Reactivity

**Reactivity :** Not established.

### Chemical stability

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

### Possibility of hazardous reactions

**Hazardous reactions :** Not established.

### Conditions to avoid

**Conditions to avoid :** Direct sunlight. Extremely high or low temperatures.

### Incompatible materials

**Materials to avoid :** Strong acids. Strong bases.

### Hazardous decomposition products

**Hazardous decomposition products :** Fumes. Carbon monoxide. Carbon dioxide.  
Thermal decomposition generates : Corrosive vapours.

## Section 11: Toxicological Information

### Information on toxicological effects

**Toxicity information** : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

### **Acute toxicity**

• **Inhalation** : Based on available data, the classification criteria are not met.

• **Dermal** : Based on available data, the classification criteria are not met.

• **Ingestion** : Based on available data, the classification criteria are not met.

**Corrosion** : Based on available data, the classification criteria are not met.

**Irritation** : Causes severe skin burns and eye damage.

**Sensitization** : Based on available data, the classification criteria are not met.

**Mutagenicity** : Based on available data, the classification criteria are not met.

**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Toxic for reproduction** : Based on available data, the classification criteria are not met.

**STOT-single exposure** : Based on available data, the classification criteria are not met.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

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## Section 12: Ecological Information

### Toxicity

**Toxicity information :** The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

### Persistence – degradability

**Persistence - degradability :** Biodegradable.

### Bio accumulative potential

**Bio accumulative potential :** Not established.

### Mobility in soil

**Mobility in soil :** Not established.

### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment:** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### Other adverse effects

**Environmental precautions:** Avoid release to the environment.

## Section 13: Disposal Considerations

### Waste treatment methods

**General:** Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

## Section 14: Transport Information

### Land transport (ADR-RID)

<b>Proper shipping name</b>	<b>: CORROSIVE LIQUID, FLAMMABLE, N.O.S.</b>
<b>UN N°</b>	<b>: 2920</b>
<b>H.I. nr</b>	<b>: 83</b>
<b>ADR - Class</b>	<b>: 8</b>
<b>Labelling - Transport</b>	<b>: 8 : Corrosive substance. 3 : Flammable liquid.</b>
<b>ADR - Group</b>	<b>: II</b>



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## Section 14: Transport Information

### Sea transport (IMDG)

**Proper shipping name** : CORROSIVE LIQUID, FLAMMABLE, N.O.S.  
**UN N°** : 2920  
**IMO-IMDG - Class or division** : 8 : Corrosive substance. ( 3 : Flammable liquid. )  
**IMO-IMDG - Packing group** : II

### Air transport (ICAO-IATA)

**Proper shipping name** : CORROSIVE LIQUID, FLAMMABLE, N.O.S.  
**UN N°** : 2920  
**IATA - Class or division** : 8 : Corrosive substance. ( 3 : Flammable liquid. )  
**IATA - Packing group** : II

## Section 15: Other Regulatory Information

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

**Safety, health and environmental:** Ensure all national/local regulations are observed.

**Regulations/legislation specific for  
The substance or mixture**

**REACH Restrictions - Annex XVII:** The components of this product are not subject to restrictions.

**REACH Authorization - Annex XIV:** The components of this product are not subject to authorization.

### Chemical Safety Assessment

**Chemical Safety Assessment:** It has not been carried out.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.



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