OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

BRILLIANT CRESYL BLUE

(For Microscopy)

MSDS CAS: 81029-05-2

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: BRILLIANT CRESYL BLUE
CAS#: 81029-05-2
C.I.NO.: 51010
Synonym: Not available.
Chemical Name: Not available.
Chemical Formula: $C_{17}H_{20}ClN_3O \cdot 0.5ZnCl_2$

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
BRILLIANT CRESYL BLUE	81029-05-2	100%

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Section 3: Hazards Identification

According to European Directive 67/548/EEC as amended.
Irritating to eyes, respiratory system and skin

Section 4: 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.**

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

Section 5: Fire and Explosion Data

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

Special protective equipment for fire-fighters:
Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal precautions: **Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.**

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

Methods and materials for containment and cleaning up:
Pick up and arrange disposal without creating dust. 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. Normal measures for preventive fire protection.**

Conditions for safe storage:
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Personal protective equipment
Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye protection: Safety glasses with side-shields conforming to EN166.

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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

Section 9: Physical and Chemical Properties

Appearance Form	**: Solid**
pH	**: No data available**
Molecular Weight	**: 385.96 g/mole**
Melting point	**: 233 - 236 °C - lit.**
Boiling point	**: No data available**
Flash point	**: No data available**
Ignition temperature	**: No data available**
Lower explosion limit	**: No data available**
Upper explosion limit	**: No data available**
Water solubility	**: No data available**

Section 10: Stability and Reactivity Data

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

Conditions to avoid: **No data available**

Materials to avoid: **Strong oxidizing agents**

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Zinc/zinc oxides

Section 11: Toxicological Information

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**

Potential health effects
Inhalation **May be harmful if inhaled. Causes respiratory tract irritation.**
Ingestion **May be harmful if swallowed.**
Skin **May be harmful if absorbed through skin. Causes skin irritation.**

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Section 11: Toxicological Information (Continued)

Eyes **Causes eye irritation.**

Signs and Symptoms of Exposure: **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**

PBT and vPvB assessment: **No data available**

Other adverse effects: **No data available**

Section 13: Disposal Considerations

Product: **Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. 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.**

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Section 14: Transport Information (Continued)

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.

Section 16 - Additional Information

References: **Not available.**

Other Special Considerations: **Not available.**

Disclaimer:

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