

# Material Safety Data Sheet



**BRILLIANT CRESYL BLUE FOR  
MICROSCOPY C.I.No. 51010**

**VERSION : 02  
DATE OF ISSUE : 26-08-2019  
SUPERSEDES : 01**

**Product Code : 31300**

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## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identifiers**

**Trade name :** BRILLIANT CRESYL BLUE FOR MICROSCOPY

**Product code :** 31300

**Identification of the product :** Brilliant Cresyl Blue For Microscopy

**CAS No :** 81029- 05- 2

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use :** Industrial. For professional use only.

### **1.3. Details of the supplier of the safety data sheet**

**Company identification :** MOLYCHEM

**Office:** 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA) Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.

**Email :** [info@molychem.net](mailto:info@molychem.net)

**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

### **1.4. Emergency telephone number**

**Emergency number :** +91 22 4066 8111 (10:00am - 6:00 pm)

## **2. Hazards identification**

### **2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### **2.2 Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### **2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## **3. Composition/information on ingredients**

### **3.1 Substance / Preparation :** BRILLIANT CRESYL BLUE FOR MICROSCOPY

**CAS-No. :** 4712-70-3

**Substance.**

Contains no other components or impurities which will influence the classification of the product.

## **4. First aid measures**

### **4.1 Description of first aid measures**

#### **•If inhaled**

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

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**•In case of skin contact**

Wash off with soap and plenty of water.

**•In case of eye contact**

Flush eyes with water as a precaution.

**•If swallowed**

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

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

**5. Firefighting measures**

**5.1 Extinguishing media**

**•Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride gas

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

No data available

**6. Accidental release measures**

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

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

**6.2 Environmental precautions**

No special environmental precautions required.

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

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**7. Handling and storage**

**7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

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Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  
Storage class (TRGS 510): Non Combustible Solids

## **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## **8. Exposure controls/personal protection**

### **8.1 Control parameters**

### **8.2 Exposure controls**

#### **•Appropriate engineering controls**

General industrial hygiene practice.

#### **•Personal protective equipment**

##### **•Eye/face protection**

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.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industria situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

##### **•Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### **•Respiratory protection**

Respiratory protection is not required. Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### **•Control of environmental exposure**

No special environmental precautions required.

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

**Odour Threshold:** No data available

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**pH :** No data available

**Melting point/freezing Point :**No data available

**Initial boiling point and boiling range :** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Flammability (solid, gas) :** No data available

**Upper/lower flammability or explosive limits:** No data available

**Vapour pressure:** No data available

**Vapour density:** No data available

**Relative density:** No data available

**Water solubility:** No data available

**Partition coefficient: noctanol/ water :**No data available

**Auto-ignition temperature :**No data available

**Decomposition temperature :** No data available

**Viscosity:** No data available

**Explosive properties :**No data available

**Oxidizing properties** No data available

## **9.2 Other safety information**

No data available

## **10. Stability and reactivity**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No data available

### **10.4 Conditions to avoid**

No data available

### **10.5 Incompatible materials**

Strong oxidizing agents

### **10.6 Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas Other decomposition products - No data available In the event of fire: see section 5

## **11. Toxicological information**

### **11.1 Information on toxicological effects**

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• **Acute toxicity** No data available 7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride

• **Skin corrosion/irritation**

• **Serious eye damage/eye irritation**

• **Respiratory or skin sensitisation**

No data available (7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride)

• **Germ cell mutagenicity**

No data available (7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride)

• **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 (7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride)

• **Specific target organ toxicity - single exposure**

• **Specific target organ toxicity - repeated exposure**

No data available

• **Aspiration hazard**

No data available (7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride)

• **Additional Information**

RTECS: Not available To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride)

## **12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available (7-Amino-3-(diethylamino)-2-methylphenoxazin-5-ium chloride)

### **12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **12.6 Other adverse effects**

No data available

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## **13. Disposal considerations**

### **13.1 Waste treatment methods**

#### **• Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### **• Contaminated packaging**

Dispose of as unused product.

## **14. Transport information**

### **14.1 UN number**

ADR/RID: - IMDG: - IATA: -

### **14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### **14.3 Transport hazard class(es)**

ADR/RID: - IMDG: - IATA: -

### **14.4 Packaging group**

ADR/RID: - IMDG: - IATA: -

### **14.5 Environmental hazards**

ADR/RID: no IMDG Marine pollutant: no IATA: no

### **14.6 Special precautions for user**

No data available

## **15. Regulatory information**

### **15.1 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.

### **15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out

## **16. Other information**

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information** : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation

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## **End of document**

**Prepared by: MOLYCHEM (INDIA)**

**For questions contact: MOLYCHEM**

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