

## BRILLIANT CRESYL BLUE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** BRILLIANT CRESYL BLUE  
**Product Code:** 1653  
**CAS#:** 51716-96-2  
**Synonym:** Brilliant Blue C  
**Chemical Name:** Not available  
**Chemical Formula:**  $C_{17}H_{20}ClN_3O \cdot 0.5 ZnCl_2$   
**Formula Weight:** Not available

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**  
**Name:** BRILLIANT CRESYL BLUE  
**Synonym:** Brilliant Blue C  
**Formula Weight:** Not available

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture** Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.  
**Label elements** Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.  
**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.

### SECTION 4: FIRST AID MEASURES

**Description of first-aid measures** **If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
**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.  
**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 FIGHTING MEASURES

**Extinguishing media**  
**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special hazards arising from the substance or mixture** Nature of decomposition products not known.  
**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** Avoid dust formation. Avoid breathing vapors, mist or gas.  
**Environmental precautions** No special environmental precautions required.



**Methods and materials for containment and cleaning up** Sweep up and shovel. Keep in suitable, closed containers for disposal

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

**Advice on protection against fire and explosion** Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures** General industrial hygiene practice.

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

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

**Storage class** Storage class (TRGS 510): 11: Combustible Solids

**Specific end use(s)** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

#### 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.

##### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**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.

**Control of environmental exposure** No special environmental precautions required

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance</b>	:	Dark green to blue/violet color powder
<b>Odor</b>	:	Not available
<b>Color</b>	:	Not available
<b>Molecular Weight</b>	:	Not available
<b>pH</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



**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 11: TOXICOLOGICAL INFORMATION.**

**Acute toxicity**  
Oral: No data available  
Inhalation: No data available  
Dermal: 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** No data available  
**Reproductive toxicity** No data available  
**Specific target organ toxicity - single exposure** No data available  
**Specific target organ toxicity - repeated exposure** No data available  
**Aspiration hazard** No data available

**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** 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.  
**Endocrine disrupting properties** No data available  
**Other adverse effects** No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:**  
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14: TRANSPORT INFORMATION**

<b>UN number:</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>UN proper shipping name</b>		
<b>ADR/RID:</b> Not dangerous goods		
<b>IMDG:</b> Not dangerous goods		
<b>IATA:</b> Not dangerous goods		
<b>Transport hazard class (es):</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>



**Packaging group:****ADR/RID:****IMDG:****IATA:****Environmental hazards:****ADR/RID:** No**IMDG Marine pollutant:** No**IATA:** No**SECTION 15: REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

**SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements:** Not available.

**Other Special Considerations:** Not available

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