

### Section 1. Product Identification

Product name:	Cibacron Blue 3G-A
Chemical name:	2-Chloro-4-(3-sulfoanilino)-6-[2-sulfo-4-(1-amino-2-sulfo-9,10-dioxoanthracene-4-ylamino)anilino]-1,3,5-triazine
Catalogue no.	CBLUE
CAS no.	84166-13-2
Mol. Formula:	C <sub>29</sub> H <sub>20</sub> ClN <sub>7</sub> O <sub>11</sub> S <sub>3</sub>

### Section 2. Hazards Identification

Classification of the substance	Not a hazardous substance or mixture
Label elements	Not a hazardous substance or mixture

### Section 3. Composition/Information on ingredients

Chemical family:	Anthraquinone dye
Appearance:	Dark blue powder
Odour:	No data available
Melting point:	No data available
Solubility:	soluble in water
Molecular weight:	774.16 g/mol

### Section 4. First-aid Procedures

General advice:	Immediately remove any clothing contaminated by the product. Move out of dangerous area, show this safety data sheet
Inhalation:	Move person to fresh air. If not breathing, give artificial respiration
Eyes:	Flush eyes with water as a precaution
Skin:	Wash off with soap and plenty of water
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water

### Section 5. Fire-fighting Measures

Extinguishing media:	Use water spray, dry chemical, carbon dioxide or alcohol-resistant foam
Arising hazards:	Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ), Sulphur oxides, Hydrogen chloride gas

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Special fire-fighting procedures: Wear self-contained breathing apparatus for firefighting if necessary

### Section 6. Accidental Release Measures

Action in event of spill: Sweep up and shovel. Keep in suitable, closed containers for disposal  
Environmental precautions: No special environmental precautions required

### Section 7. Handling and storage

Precautions to be taken when handling: Provide appropriate exhaust ventilation at places where dust is formed. no other specific uses are stipulated

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

### Section 8. Exposure Controls/Personal Protection

Exposure limit: Contains no substances with occupational exposure limit value

Special personal protective equipment: Use impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory: 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)

Eyes: Use safety glasses with side-shields confirming to EN166. Use equipment for eye protection tested and approved

Gloves: 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

### Section 9. Physical and Chemical Properties

General information

Appearance: Dark blue powder

Odour: No data available

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Vapour pressure:	No data available
Melting point:	No data available
Molecular weight:	774.16 g/mol
Flash point:	No data available
Solubility in water:	Soluble

### Section 10. Stability and Reactivity

Stability (normal conditions):	Stable under recommended storage conditions
Hazardous reactions:	No data available
Conditions to avoid:	No data available
Incompatibility:	Oxidizing agents
Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ), Sulphur oxides, Hydrogen chloride gas Other decomposition products - No data available

### Section 11. Toxicological information

Toxicity information:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
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
Routes of entry:	Effects of occupational overexposure:
Inhalation:	No data available
Eye contact:	No data available
Skin contact:	No data available
Ingestion:	No data available

### Section 12. Ecological information

No data available

### Section 13. Disposal Recommendations

Offer surplus and non-recyclable chemical to a licensed disposal company. Contact a licensed professional waste disposal service to dispose

### Section 14. Transport information

EEC:	Not listed
Dangerous goods:	Not dangerous goods



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EINECS:

Not listed

### **Section 15. Regulatory information**

No data available

### **Section 16. Other information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.

It does not represent any guarantee of the properties of the product. TdB Labs AB shall not be held liable for any damage resulting from handling or from contact with the above product.