

MATERIAL SAFETY DATA SHEET

WATER SOLUBLE COLOUR – BRILLIANT BLUE FCF



1. Identification of Substance, Preparation and Company

Product Name: Brilliant Blue FCF (Powder)

Company Name: Bathbomb.biz limited
Company Address: 37 Worting Road
Basingstoke
Hampshire
RG21 8TZ

Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Chemical Family: Triaryl Methane
Chemical Name: Disodium a-[4-(N-Ethyl-3-Sulfonato Benzy1 Amino)Pheny1]-a-[4-(N-Ethyl-3- Sulfonato Benyylamino) Cyclohexa -2,5-Dienylidene] Toluene-2-Sulfonate

CAS No: 3844-45-9
EEC No.: E-133
FEMA:
Additives:
FDA:
IFRA:
Formula:
Application: Water based colour
EINECS: 223-339-8
CI Name: Food Blue 2
CI Number: C.I. 42090
Molecular Weight: 792.84

3. Hazards Identification

- Non-Hazardous according to the criteria of EEC Directive of 67/548/EEC or 88/379/EEC)
- Concentrated product. Do not ingest. Observe good housekeeping procedures.



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4. First Aid Measures

Inhalation Treatment:	Remove from exposure site to fresh air. This product is not classified as an irritant, however being a dry powder dust may cause irritation to some individuals. If irritation develops, seek medical attention.
Eye Exposure Treatment:	Rinse immediately with plenty of water for at least 15 mins, holding eyelids open. Contact a doctor if symptoms persist.
Skin Contact Treatment:	Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
Ingestion Treatment:	Rinse mouth and then drink plenty of water. Seek medical advice if large amounts are involved.
Other:	When assessing action take Risk & Safety Phrases into account (Section 15)

5. Fire Fighting Measures

Extinguishing Media Recommended:	Carbon Dioxide, chemical foam, or dry chemical extinguisher.
Special Measures:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. Fire or excessive heat produce carbon dioxide, carbon mono oxide and unidentified organic compounds may be formed.
Extinguishing Procedures:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

Personal precautions:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
Environmental precautions: Cleaning up methods for spillages:	Keep away from drains, soils, surface & ground waters. Remove all potential ignition sources. Vacuum up and wash spill site. Spills should be thoroughly flushed with soapy water until all apparent color is removed. Observe state, federal & local disposal regulations.



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7. Handling and Storage

Precautions in handling:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage conditions:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
Fire protection:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. Exposure Controls / Personal Protection

Respiratory protection:	Avoid breathing dust. Apply local ventilation where possible.
Ventilation:	Ensure good ventilation of working area.
Hand protection:	Avoid all skin contact. Use chemically resistant gloves if required.
Eye protection:	Wear safety glasses.
Work/Hygiene practices:	Dry, fine powders can remove the skin's natural oils, leaving it cracked and dry and open to infection. Wash hands with soap & water after handling. Use skin moisturisers.

9. Physical and Chemical Properties

Appearance:	Solid, fine reddish blue powder
Odour:	None
pH value:	6.00-7.00
Boiling Point (°C):	Not applicable
Melting Point (°C):	No sharp melting point observed
Flash Point (°C):	Not applicable
Density	0.8
Bulk Density:	No data
Solubility in Water	200gms/litre



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10. Stability and Reactivity

Conditions to avoid:	None, Avoid contamination of moisture. Excess exposure to atmosphere, strong reducing agents, strong acids/ alkalis.
Materials to avoid:	None, Avoid contamination of moisture. Excess exposure to atmosphere, strong reducing agents, strong acids/ alkalis.
Hazardous Decomposition Products:	None, Avoid contamination of moisture. Excess exposure to atmosphere, strong reducing agents, strong acids/ alkalis.

11. Toxicological Information

Acute Toxicity Mouse LD50 (Subcutaneous):	4,600 mg/kg. Body Weight
Rat (oral) LD50):	2,000 mg/kg
Dermal (LD50):	Not irritating to skin.
Inhalation (LC50):	Not expected to be an inhalation hazard.
Skin Irritation:	
Eye Irritation:	
Sensitisation:	
Chronic Toxicity:	
Carcinogenicity:	
Acceptable Daily Intake (ADI):	
JECFA:	0-12.5 mg/kg
EEC:	0-10 mg/kg
USA:	GMP (21 CFR 74.101)

12. Ecological Information

Comment:	Being an edible dye in the proportion suggested however adverse ecological hazards not established.
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13. Disposal Considerations

- Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. Transport Information

- Not classified as a hazardous cargo under current transport regulations. Use an approved carrier

Road (ADR/RID):	Not restricted
Air (IATA):	Not restricted
Sea (IMDG)	Not restricted



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15. Regulatory Information (According to Directive 88/379/EEC)

Label Name:	Brilliant Blue FCF
Hazards:	Not applicable, it is a permitted food colour and non hazardous, it is used as per regulations.
Risk Phrases:	Not applicable, it is a permitted food colour and non hazardous, it is used as per regulations.
Safety Phrases:	Use personal protective equipments while handling, avoiding excess exposure to atmosphere and strong reducing agents.

16. Other Information

16.1. Packaging

Type	Suitability
Glass:	Yes
Aluminium:	Yes
HDPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

16.2. Shelf Life

Min 12 months when stored within advised conditions. Retest after 6 months

16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

