

MATERIAL SAFETY DATA SHEET

BRILLIANT BLUE FCF



1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Brilliant Blue FCF
CAS No: 3844-45-9
Synonym: Disodium a-[4-(N-Ethyl-3-Sulfonato BenzylAmino) Phenyl]-a-[4-(N-ethyl -3-SulfonatoBenzylamino) Cyclohexa-2, 5-Dienylidene] Toluene-2-Sulfonate
Chemical Family(class): Triarylmethane
Formula : C₃₇H₃₄N₂Na₂O₉S₃
Product Form: Solid
Product Use: Cosmetic use.

Supplier: ASES CHEMICAL WORKS.
Address: Brahm Bagh, Jalori Gate
Jodhpur - 342001 Rajasthan-India
Phone: +91-9636889954
Web: www.ases.in
Email : ecom@ases.in

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture : No known significant effects or critical hazards.

Label elements : Not a hazardous substance or mixture.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Product Name	CAS No	EC No	Molecular Weight
Brilliant blue FCF	3844-45-9	223-339-8	792.84 g/mol

4 FIRST AID MEASURES

Eyes: Wash eyes with plenty of water for at least 15 minute.
Skin: Wash off with plenty of water & soap
Ingestion: Plenty full water to be taken inside, special medical attention may not be necessary

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Use dry chemicals or carbon dioxide CO₂
Thermal Decomposition: Dangerous decomposition is not anticipated

6 ACCIDENTAL RELEASE MEASURES

After Spillage: Sweep up spilled substance carefully, then clean with water.
Absorbent Material: Use clean cotton cloth

7 HANDLING & STORAGE

Handling: Avoid formation of dust
Storage Keep in closed container at ambient temperature & humidity
Do Not Store Together Store Colourwise

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV No
Respirator Protection May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)
Ventilation Local ventilation capable of minimizing dust emission at the point of use
Eye Protection Protective glasses may be used
Hand Protection Rubber gloves may be used wash the hands before and at the end of work with water, soap

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9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid, Fine Powder/Granules

Boiling Point Not applicable

Colour Reddish Blue

Melting Point No sharp melting point observed

Odor Odorless

Flash Point Not applicable

pH value 6-7

10 STABILITY AND REACTIVITY

Hazardous Reactions No

Hazardous Decomposition Product Not Established

Chemical In Compatibility Strong Reducing Agents, Decolourising Agents, Strong Acids & Alkalies

Condition To Avoid I) Heating To High Temperature II) Storage under damp atmosphere

Reactivity Data This material is stable under condition of normal handling and use, but sensitive to moist air.

11 TOXICOLOGICAL INFORMATION

LD 50 Oral 6000-10000 mg/kg body weight

LD 50 Intraperitoneal 3800-5000 mg/kg body weight

LD 50 skin No adverse or pathological effect

LD 50 inhalation Not Known

Eye Irritation Not irritating to Eye

Dermal Irritation Not irritating to skin.

Acceptable Daily Intake

JECFA 0- 2.5 mg/kg body weight

EEC 0- 2.5 mg/kg body weight

12 ECOLOGICAL INFORMATION

Water Hazard: Being an edible dye, Not established

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

Not Hazardous Cargo: Keep separated from hazardous chemicals

15 REGULATORY INFORMATION

Manufactured as per specification set by BIS (India), FAO/WHO (JECFA), Each country has its own laws on coloring of food-stuffs, colorant permitted and their purity standards

16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.