

MATERIAL SAFETY DATA SHEET

Version : 01

Issue date :24/10/2005

PRODUCT NAME : E133 BRILLIANT BLUE POWDER**1 IDENTIFICATION OF SUBSTANCE AND COMPANY**

Commercial Product: E133 Brilliant Blue Powder

Our Code: 4009

Company: The Soap Kitchen
Unit 2e Hatchmoor Ind/Est
Torrington
EX38 7HP

Tel: +44 (0)1805 622944

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2. CHEMICAL COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Family (CLASS): 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

C.I. Name: Food Blue 2

E. E. C. NO: E-133

EINECS: 223-339-8

CAS NO: 3844-45-9

C. I. NO: 42090

Molecular Weight: 792.84

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid, fine powder

Colour: Reddish Blue

Odour:	Odourless
pH value:	6.00-7.00
Boiling Point:	Not applicable
Melting Point:	No sharp melting point observed
Flash Point:	Not applicable
Ignition Temperature:	Not applicable
Explosion Limit:	Not applicable
Vapour Pressure:	Not applicable
Density:	0.80
Solubility in water:	200 gms/ litre

4. STABILITY & 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.

5. HANDLING AND STORAGE

Handling:	Use protective hand gloves, dust mask while removing the colour for use, using clean dry spoon. Avoid formation of dust.
Storage:	Keep in closed container at ambient temp. And humidity.
Suitable packaging materials:	Store in tightly sealed container.
Not suitable packaging materials:	None.

6. EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV/ STEL (USA):	No Data available.
MAK (Germany):	No data available.
Respiratory System Protection:	Not required, but dust masks are suggested.

Skin and Body Protection:	No adverse effects. Wash skin with mild soap and water to remove nuisance of colour. Some dyes may temporarily stain skin.
Hand Protection:	Rubber gloves may be used. Wash hands before and at the end of work with water and soap.
Eye Protection:	Protective Glasses may be used.

7. HAZARDS IDENTIFICATION

Non-Hazardous according to the criteria of EEC Directive of 67/548/EEC or 88/379/EEC)

Environmental Hazards: N/A

Human Health Hazards: N/A

8. FIRST AID MEASURES

Effects and Symptoms:

Ingestion:	None
Inhalation:	Slight Suffocation
Skin Contact:	Temporary stain on the skin
Eye contact:	None
Ingestion:	Drink plenty of water. Special medical attention may not be necessary.
Inhalation:	Remove 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.
Skin Contact:	No adverse effects, Wash skin with mild soap and water to remove nuisance of color. Some dyes may temporarily stain skin. If irritation occurs seek medical attention.
Eye Contact:	This product is not classified as an irritant. If exposed, wash the eyes with large amounts of water, occasionally lifting the upper and lower lids, continue for 15 minutes. If irritation develops, seek medical attention.

9. ACCIDENTAL RELEASE MEASURES

Personal Protection:	No respiratory protection required, but dust masks are suggested.
Environmental Precautions:	This product can generate dust. Ventilation or dust collection would be helpful, but not necessary.
Methods Of Cleaning Up: Small Spill:	For dry powder spills, inter material such as sand may be added to control dusting prior to clean up.

Industrial grade vacuum sweeper is also recommended. Placed spilled material into appropriate designed waste container for disposal.

Large Spill: Contain spilled material immediately with inert substance such as sand or earth. Use plastics or aluminum shovel to transfer diluted waste material into appropriate waste container for disposal.

Wet Spill: If wet, surfaces exposed to a spill may become slippery or sticky. Spills should be thoroughly flushed with soapy water until all apparent color is removed.

10. DISPOSAL CONSIDERATIONS

Methods of Disposal: Can be disposed to an incineration plant in accordance with local regulations.

11. FIRE FIGHTING MEASURES

Extinguishing Media:
Suitable: Carbon Dioxide, chemical foam, or dry chemical extinguisher.

Not Suitable: Water

Special fire fighting Procedures: Self content breathing apparatus (scba) and Full Protective equipment recommended.

Unusual Fire/ Explosion Hazards: Fire or excessive heat produce carbon dioxide, carbon mono oxide and unidentified organic compounds may be formed.

Hazardous Thermal (de)composition Products: None

Protection of firefighters: Wear PPE as recommended
Does not support combustion.

12. 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: Not Expected.
Eye Irritation: Not Expected.
Sensitization: Not Applicable.
Chronic Toxicity: No adverse effects expected.
Carcinogenicity: Not Applicable.
Acceptable Daily Intake (ADI):
JECFA: 0-12.5 mg/kg
EEC: 0-10 mg/kg
USA: GMP (21 CFR 74.101)

13. ECOLOGICAL INFORMATION

Comment: Being an edible dye in the proportion suggested however adverse ecological hazards. Not Established.

Ecotoxicity: Not applicable

14. TRANSPORT INFORMATION

UN Number:	N/A
Land-Road/ Railway:	N/A
ADR/ RID Class:	N/A
Inland Waterways:	N/A
ADNR Class:	N/A
Sea:	N/A
IMDG Class:	N/A
IMDG Page No.:	N/A
Air:	N/A
IATA- DGR Class:	N/A
National Transport Regulations:	N/A

15. REGULATORY INFORMATION

EC Regulations:	Permitted food colour as per rules and regulations
EC Classification:	Classified as E133
Label Name:	BRILLIANT BLUE FCF
Hazard Symbols:	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

This product should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. The above information is based on the present state of our knowledge of the product at the time of publication. The user must satisfy himself that the product is entirely suitable for his purpose.

This information contained herein is based on the present state of our knowledge and believed to be correct but does not purport to be all- inclusive and shall be used as guide. It does not represent a guarantee of properties of the product. It is user's responsibility to determine the safety, toxicity, suitability of the product, all applicable national, international and local regulations or provisions and all above information for his/her own handling & use. No guarantee expressed or implied is made by The Soap Kitchen and shall not be held liable for any damage resulting from handling, use or from contact with the above product. User assumes all risk and responsibility.