

# SAFETY DATA SHEET

Revision Date 24-02-2010

## TRADE NAME: TRACING DYE – FOOD GRADE BRILLIANT BLUE FCF

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or preparation

Chemical description Leak Tracing  
Synonyms N/A

Use of the substance/preparation Tracing Dye

#### Company/undertaking identification

Product responsibility BES Limited Birmingham B6 7JA  
Responsible department Technical Department  
Supplier BES Limited  
Unit 3, Junction 6 Industrial Estate  
Birmingham B6 7JA  
Emergency telephone 0800 801090

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Information on ingredients	C.I. No. (W/S)	EINCES
E133	42090	223-339-8

### 3. HAZARD IDENTIFICATION

No Significant Hazard

### 4. FIRST-AID MEASURES

**Inhalation** – Remove to a well ventilated area. Consult medical advice if reaction occurs

**Skin Contact** – Wash with water

**Eye Contact** – Flush with water – seek medical advice if reaction occurs

**Ingestion** – Do not induce vomiting, seek medical advice

**Advice for the doctor** – Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Fire extinguishing agents** – Carbon Dioxide, foam, water spray

**Fire/explosion hazard** - None

**Main combustion gas** – Carbon, Nitrogen and Sulphur Oxides

**Personal protection** – Self contained breathing apparatus

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal protection** – Gloves, respiratory protection

**Environmental precautions** – Do not allow to contaminate water courses

**Spillage procedure** – Vacuum or sweep up into containers marked for disposal as chemical waste

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## 7. HANDLING AND STORAGE

### Handling

**Occupational hygiene** – Handle in accordance with good industrial hygiene practice and any legal requirements

### Storage

**Fire precautions** -

**Storage facilities** – Store in a cool dry area with adequate ventilation

**Segregation** – Keep away from hazardous chemicals

**Storage conditions** – In common with many organic compounds in powder form it can produce flammable dust clouds in air. Take precautionary measures against static discharges. Keep containers closed.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limit values

Components with occupational exposure limits

Engineering Measures

Ensure adequate ventilation of the working area

Exposure Controls

Occupational exposure controls

General Personal Protection – Gloves, respiratory protection goggles

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

#### Appearance

Form	-	Powder
Colour	-	Dark Blue
Odour	-	Odourless

#### Important health safety and environmental information

pH	-	(W/S) 7–8 at 1% con.
Boiling Point	-	Not applicable
Flash Point	-	Not applicable
Oxidising properties	-	Not applicable
Vapour pressure	-	Not applicable
Density	-	(W/S) 0.8–1.0.
Solubility in water	-	(W/S) 22%.
Viscosity	-	Not applicable

#### Other information

Melting point	-	No sharp melting point observed
Thermal decomposition	-	Not applicable
Ignition temperature	-	Not applicable

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## 10. STABILITY AND REACTIVITY

**Conditions to avoid** - Damp atmosphere  
**Materials to avoid** - Reacts with oxidising & reducing agents  
**Hazardous decomposition products** – No information available

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** LD50 Oral >2000mg/kg Rat  
**Skin irritation** Non - irritant  
**Eye irritation** Non – irritant  
**Skin sensitisation** None known  
**Adverse effects in man** No adverse effects reported

## 12. ECOLOGICAL INFORMATION

**Summary** Non toxic or harmful to aquatic organisms  
**Metal content** Metal content under the ETAD recommended limits

## 13. DISPOSAL CONSIDERATIONS

**Product disposal** – Incineration, landfill, observe local regulations  
**Contaminated packaging** – Contaminated empty containers must be disposed of as chemical waste

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## 14. TRANSPORT INFORMATION

### Transport road and rail

**UN Number ADR/RID** NONE  
**Correct technical name ADR/RID**  
**ADR/RID Class**  
**Packing Group**

### Transport air

**UN Number ICAO** NONE  
**Proper shipping name**  
**ICAO Class**  
**Packing Group**

### Transport sea

**UN Number IMO** NONE  
**Proper shipping name**  
**IMDG Class**  
**Packing Group**

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## **15. REGULATORY INFORMATION**

Not classified as hazardous product (Chip Regulations)

### **CLASSIFICATION AND LABELLING**

#### **Symbol and classification**

<b>R-Phrases</b>	NONE
<b>S-Phrases</b>	NONE
<b>Contains</b>	FCF / Black P/N
<b>EU Guideline</b>	E133 / E151

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## **16. OTHER INFORMATION**

### **Recommended restrictions on use**

BES product is recommended as specified or as otherwise agreed that recommendations regarding application and relevant regulations are followed. Only trained personnel should handle chemical products and adopt sound industrial hygiene practice.