

# Soak Rochford Ltd

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## Sapphire Blue, FD&C Blue1 CI:42090 Safety Data Sheet (SDS)

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product name, Chemical Name and Synonym: Sapphire Blue, FD&C Blue1, CI:42090

EC Number:223-339-8

CAS Number: 3844-45-9

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against.

Intended use: Dye for foods, cosmetics and pharmaceuticals, subject to the regulations being in force in each country of use

#### 1.3 Details of the supplier of the safety data sheet

Name: Soak Rochford Ltd

Address: 10 Tongue End, Spalding, Lincolnshire, PE11 3JJ, ENGLAND

Email address of the competent person: info@soakrochford.co.uk

#### 1.4 Emergency Telephone Number

Urgent Enquiries: 07743862411 (Mon-Fri, 9-5)

Emergency Enquiries: 112, 911, 999.

### Section 2. Hazards Identification

None

#### 2.1 Classification of the substance or Mixture

The Product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: --

#### 2.2 Label Elements

Hazard Pictograms: --

Signal Words: --

Hazard Statements: --

Precautionary Statements: --

This product is not subject to hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

#### 2.3 Other Hazards.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%

### Section 3. Composition/information on ingredients

#### 3.1 Substances.

Contains: Sapphire Blue

Identification: FD&C Blue1, CI:42090

Conc. %: 100

Classification: 1272/2008 (CLP)

The full wording of hazard (H) Phrases is given in section 16 of the sheet.

#### 3.2 Mixtures

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N/A

#### **Section 4. First Aid Measures.**

##### **4.1 Description of first aid measures**

Not specifically necessary. Observance of good industrial hygiene is recommended.

##### **4.2 Most Important symptoms and effects, both acute and delayed**

No episodes of damage to health ascribable to the product have been reported.

##### **4.3 Indication of any immediate medical attention and special treatment needed**

Information not available.

#### **Section 5. Fire fighting Measures.**

##### **5.1 Extinguishable Media**

Suitable extinguishing equipment: The extinguishing equipment should be of the conventional kind: Carbon dioxide, foam, powder or water spray.

Unsuitable Extinguishing Equipment: None Specific

##### **5.2 Special hazards arising from the substance or mixture.**

Hazards caused by exposure in the event of fire: Do not breathe combustion products. The product is combusive, and when the powder is released into the air in sufficient concentrations and in the presence of source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

##### **5.3 Advice for fire-fighters.**

General Information: Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Special Protective Equipment for fire fighters: Normal fire fighting clothing i.e. fire kit (BS EN 469), Gloves (BS EN 469) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

#### **Section 6. Accidental Release Measures.**

##### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures.**

Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

##### **6.2 Environmental Precautions.**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

##### **6.3 Methods of material for contaminant and cleaning up.**

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

##### **6.4 Reference to other sections**

Any information on personal protection and disposal is given in sections 8, and 13.

#### **Section 7. Handling and Storage.**

##### **7.1 Precautions for safe handling.**

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink, or smoke during use.

##### **7.2 Conditions for safe storage, including any incompatibilities.**

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3 Specific end use(s).

Information not available

## Section 8. Exposure controls/Personal Protection

### 8.1 Control Parameters.

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate otherwise classified as (PNOC respirable fraction: 3mg/m<sup>3</sup>; PNOC inhale fraction: 10mg/m<sup>3</sup>). For values above these limits, use a P type filter, whole class (1, 2 or 3) must be chosen according to the outcome of the risk assessment.

TLV: of solvent mixture: 10mg/m<sup>3</sup>.

### 8.2 Exposure Controls

Comply with the safety measures usually applied when handling chemical substances.

Hand Protection: None Required.

Skin Protection: None Required.

Eye Protection: None required.

Respiratory Protection: Use a P type filtering facemask (see standard EN 149) or equivalent device, whose class 1, 2 or 3, and act within outcome of local risk assessment.

Environmental Exposure controls: The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties.

Appearance	Powder, Granular or Liquid
Colour	Blue
Odour	Odourless
Odour Threshold	N/A
PH	5-9
Melting/Freezing Point	Not Available
Initial Boiling Point	N/A
Boiling Range	Not Available
Flash Point	N/A
Evaporation Rate	Not Available
Flammability of solids and gasses	Not Available
Lower Inflammability Limit	Not Available
Lower Inflammability Limit	Not Available
Lower Explosive Limit	Not Available
Upper Explosive Limit	Not Available
Vapour Pressure	Not Available
Vapour Density	Not Available
Relative Density	Not Available
Solubility	Soluble in Water
Partition Coefficient: n-octanol/water	Not Available
Auto Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Explosive Properties	Not Available
Oxidising Properties	Not Available

### 9.2. Other Information

VOC (Directive 2010/75/EC): 0

VOC (Volatile Carbon): 0

## Section 10. Stability and Reactivity.

### 10.1. Reactivity

Here are no particular risks of reaction with other substances in normal conditions of use.

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## 10.2 Chemical Stability

The product is stable in normal conditions of use and storage.

## 10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage

## 10.4. Conditions to avoid

None in Particular. However the usual precautions used for chemical products should be respected.

## 10.5. Incompatible Materials

Information not available.

## 10.6 Hazardous decomposition products

Information not available.

## Section 11. Toxicological Information

Reporting on available data, this product has not yet produced health damage. The product must still continue to be handled carefully, locally risk assessed, and by using good industrial practices. Persons sensitive to different products may suffer slight health effects by inhalation, cutaneous absorption, ingestion, or contact with eyes.

A.D.I. 7.5mg/kg b.w.

## Section 12. Ecological Information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

### 12.1 Toxicity

Information not available

### 12.2 Persistence and degradability.

Information not available.

### 12.3 Bio accumulative Potential

Information not available.

### 12.4 Mobility in soil

Information not available.

### 12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

### 12.6 Other adverse effects

Information not available.

## Section 13. Disposal Considerations.

### 13.1 Waste treatment methods.

Reuse where possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management company, operating in compliance with national and local regulations. Solid residues may be suitable for disposal in landfill. Contaminated packaging must be recovered and disposed of in compliance with waste management regulations.

## Section 14. Transport Information.

14.1 UN Number: NA

14.2 UN Proper Shipping Name: NA

14.3 Transport Hazard Class(es): NA

14.4 Packing Group: NA

14.5 Environmental Hazards: NA

14.6 Special Precautions for User: NA

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14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code: Information not relevant.

## Section 15. Regulatory Information

Toxic Substance Control Act (TSCA).

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

Seveso category- none.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

Substances in Candidate List (Art. 59 REACH)- None.

Substances Subject to Authorisation (Annexe XIV REACH)- None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012- None.

Substances subject to the Rotterdam Convention: None.

Substances subject to the Stockholm Convention: None.

Healthcare Controls: Information not available.

15.2 Chemical Safety Assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

## Section 16. Other Information.

Legend:

-ADR: European Agreement concerning the carriage of Dangerous goods by Road.

-CAS NUMBER: Chemical Abstract Service Number.

-CE50: Effective concentration (required to induce a 50% effect)

CE Number: Identifier in ESIS (European archive of existing substances)

-CLP: EC Regulation 1272/2008

-EmS: Emergency Schedule

-GHS Globally Harmonised System of classification and labelling of chemicals

-IATA DGR: International Air Transport Association Dangerous Goods Regulation

-IC50: Immobilization Concentration 50%

-IMDG: International Maritime Organization

-INDEX NUMBER: Identifier in Annex VI of CLP

-LC50: Lethal Concentration of 50%

-LD50: Lethal Dose 50%

-OEL: Occupational Exposure Level

-PBT: Persistent bio accumulative and toxic as REACH Regulation

-PEC: Predicted Environmental Concentration.

-PEL: Predicted Exposure Level

-PNEC: Predicted no effect concentration

-REACH: EC Regulation 1907/2006

-RID: Regulation concerning the international transport of dangerous goods by train

-TLV: Threshold Limit Value

-TLV CEILING: Concentration that should not exceed during any time of occupational exposure

-TWA STEL: Short-Term exposure limit

-TWA: Time-weighted average exposure limit

-VOC: Volatile organic compounds

-vPvB: Very persistent and very Bio accumulative as for REACH Regulation

-WGK: Water hazard classes (German).

### Note for users:

The information contained in this sheet are based on our knowledge on the latest updated version. Users and handlers must verify the suitability and thoroughness of the information provided regarding to each specific use of the product. This document is not, and should not be regarded as a guarantee on any specific product property. Users must also accept full responsibility for complying with current health and safety laws/legislations/regulations. The producer is relieved from any liability arising from improper uses. Please ensure that all staff handling these products receive adequate training on how to use chemical products.