

Safety Data Sheet - Drain Tracing Dye Red, Blue, Purple, Yellow & Orange

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Revision No: 3
Issue Date: 22.01.21

1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY/UNDERTAKING

| | | | | | | |
|--|-------------------|--|--------------|------------------------|----------------|----------------|
| 1.1 Product identifier | Name | Red E123 | Blue E133 | Purple E123/E151 | Yellow E102 | Orange E110 |
| | CI Number (W/S) | 16185 | 42090 | 16185 28440 | 19140 | 15985 |
| | EINECS No. | 213-022-2 | 223-339-8 | 213-022-2 219-746-5 | 217-699-5 | 220-491-7 |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Identified use(s) | Generally used in drains, waste water or sewers to trace water flow/source. | | | | |
| 1.3 Details of the supplier of the safety data sheet | Company | S1E Ltd Cooper House, Unit 2 Spring Hill Road Park Springs, Grimethorpe Barnsley S72 7BQ | | | | |
| | Email | contact@s1e.co.uk | | | | |
| | Website | www.s1e.co.uk | | | | |
| | Telephone | +44 (0) 1226 397 015 | | | | |
| | Telefax | +44 (0) 1226 447 300 | | | | |

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

| | |
|---|----------------|
| 2.1.1 Regulation (EC) No. 1272/2008 (CLP) | Not Classified |
| 2.1.2 Directive 67/548/EEC & Directive | Non Hazardous |

2.2 Label elements

| | |
|-----------------------------|--|
| 2.2.1 Label elements | According to Regulation (EC) No. 1272/2008 (CLP) |
| GHS Product Identifier | Substance |
| Hazard pictogram(s) | Not required |
| Signal word(s) | Not required |
| Hazard statement(s) | None required |
| Precautionary statement(s) | P280: Wear protective gloves/ protective clothing/ eye protection/face protection. P262: Do not get in eyes, on skin or on clothing |

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

EC Classification No. 1272/2008

| Hazardous Ingredients (specific): | %W/W | EC-No. | REACH Registration No | Hazard pictogram(s) and Hazard statement(s) |
|-----------------------------------|------|-----------|--------------------------|--|
| Red E123 | | 208-253-0 | | None required |
| Blue E133 | | 208-253-0 | | None required |
| Purple E123/E151 | | 208-253-0 | | None required |
| Yellow E102 | | 208-253-0 | | None required |
| Orange E110 | | 208-253-0 | | None required |

4. FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|-------------------------|--|
| In case of inhalation | Remove patient from exposure, keep warm and at rest. |
| In case of skin contact | Wash affected skin with soap and water. |
| In case of eye contact | Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. |
| In case of Ingestion | If swallowed, seek medical advice. |

5. FIREFIGHTING MEASURES

For major fires call the fire brigade. Ensure that an escape path is available from any fire.

5.1 Extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | Extinguish with carbon dioxide, dry chemical, foam or waterspray. |
| Unsuitable extinguishing media | None |

5.2 Special hazards arising from the substance or mixture

Risk of dust explosion

5.3 Advice for firefighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

Hazchem Code No code allocated

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | Put on protective clothing. Do not breathe dust |
| 6.2 Environmental precautions | Use appropriate container to avoid environmental contamination. |
| 6.3 Methods and material for containment and cleaning up | Transfer to a lidded container for disposal or recovery. |
| 6.4 Reference to other sections | N/A |
| 6.5 Additional Information | N/A |

7. HANDLING AND STORAGE

| | |
|--|--|
| 7.1 Precautions for safe handling | Avoid contact with skin and eyes. |
| 7.2 Conditions for safe storage, including any incompatibilities | Keep container tightly closed, in a cool, well ventilated place. |
| 7.3 Specific end use(s) | |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---|---|
| 8.1 Exposure controls | Ensure adequate ventilation |
| 8.2.1 <i>Appropriate engineering controls</i> | Not required under normal conditions. In event of fire, see section 5 |
| 8.2.2 <i>Personal protection equipment</i> | |
| Eye/face protection | Wear face protective shield |
|  | |
| Skin protection (Hand protection/ Other) | Wear general industrial gloves |
|  | |
| 8.2.3 <i>Environmental Exposure Controls</i> | Ensure waste is collected and contained |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--|-----------------------|
| Appearance | Powder |
| Colour | As per content colour |
| Odour | None |
| pH (Value) | 7-9 @ 20 g/l in water |
| Melting Point (°C) / Freezing Point (°C) | Not known |
| Boiling point/boiling range (°C) | Not known |
| Flash Point (°C) | Not known |

9.1 Information on basic physical and chemical properties

| | |
|------------------------------|----------------|
| Flammability (solid, gas) | Non flammable |
| Explosive limit ranges | Not known |
| Vapour Pressure (mm Hg) | Not applicable |
| Density (g/cm ³) | Not known |
| Solubility in water | Very soluble |
| Other information | |

10. STABILITY AND REACTIVITY

| | | | |
|--|--|--|-----------------------------------|
| 10.1 Reactivity | Not known | 10.4 Conditions to avoid | Not known |
| 10.2 Chemical stability | Stable under normal conditions | 10.5 Incompatible materials | Strong oxidising agents |
| 10.3 Possibility of hazardous reactions | Avoid contact with strong oxidising agents | 10.6 Hazardous Decomposition Product(s) | Combustion may cause toxic fumes. |

11. TOXICOLOGICAL INFORMATION

| | | | |
|--|---|------------------------|-------------------|
| 11.1 Information on toxicological effects | | Inhalation | No data available |
| 11.1.1 Substances | | Skin Contact | Non irritant |
| Acute toxicity | Acute oral toxicity (LD ₅₀) >2,000 mg/kg tested in rats | Eye Contact | Non irritant |
| Ingestion | No data available | Hazard label(s) | Not required |

12. ECOLOGICAL INFORMATION

| | |
|---|---------|
| 12.1 Toxicity | No data |
| 12.2 Persistence and degradability | No data |
| 12.3 Bioaccumulative potential | No data |
| 12.4 Mobility in soil | No data |

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods and containers Can be disposed of by landfill in compliance with local and government regulations.

13.2 Special precautions for landfill or incineration Not recommended for disposal by incineration

14. TRANSPORT INFORMATION

Not regulated for transport of dangerous goods

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture Not applicable

15.2 Chemical Safety Assessment A chemical safety assessment has not been carried out for this product

16. OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

References:

Risk Phrases Not required

Hazard statement(s) Not required

Training advice

Additional Information N/A