

Drain Dye – Red, Blue, Purple, Yellow & Orange

Document Ref: SDS-006

August 2022

Issue: 4

1. Identification of the Substance/Preparation and Company:

Product Name:	Red E123	Blue E133	Purple E123/E151	Yellow E102	Orange E110
C.I. Number (W/S):	16185	42090	16185 28440	19140	15985
EINECS Number:	213-022-2	223-339-8	213-022-2 219-746-5	217-699-5	220-491-7

Application: Generally used in drains, waste water or sewers to trace water flow / source.

Company Details: Fernco Ltd, Endeavour Works, Newlands Way,
Valley Park, Wombwell, Barnsley, S73 0UW

Contact Details: Tel: +44(0)1226 340222

Operating Hours: Mon-Thurs 8:30am-5pm, Friday 8:30am-4pm

Date SDS Prepared: July 2022

2. Composition/Information on Ingredients:

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

3. Hazards Identification:

Classification of the substance or mixture:

Regulation (EC) No. 1272/2008 (CLP)	Not Classified
Directive 67/548/EEC & Directive 1999/45/EC	Non Hazardous
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

4. First Aid Measures:

Skin Contact:	Wash affected skin with soap and water.
Eye Contact:	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes.
Inhalation:	Remove patient from exposure, keep warm and at rest
Ingestion:	If swallowed, seek medical advice.

5. Fire-Fighting Measures:

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

Suitable Extinguishing	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Unsuitable Extinguishing Media:	None known
Hazardous Combustion Products:	Risk of dust explosion
Fire Fighting Equipment:	Wear approved self-contained breathing apparatus and full protective clothing
Hazchem Code:	No code allocated

6. Accidental Release Measures:

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

7. Handling and Storage:

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

8. Exposure Controls/Personal Protection:

Exposure controls:	Ensure adequate ventilation.
Appropriate engineering controls:	Not required under normal conditions. In event of fire see section 5.
Eye Protection:	Wear face protective shield.
Hand Protection:	Wear general industrial gloves
Environmental Exposure Controls	Ensure waste is collected and contained.

9. Physical and Chemical Properties:

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
Flammability (solid, gas)	Non flammable
Explosive limit ranges	Not known

Vapour Pressure (mm Hg)	Not applicable
Density (g/cm³)	Not known
Solubility in water	Very soluble
Other information	

10. Stability and Reactivity:

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

11. Toxicological Information:**Information on toxicological effects:**

Acute toxicity	Acute oral toxicity (LD50) >10,000 mg/kg tested in rats
Ingestion	No data available
Inhalation	No data available
Skin Contact	Non irritant
Eye Contact	Non irritant
Hazard label(s)	Not required

12. Ecological Information:

Toxicity	No Data
Persistence and degradability	No Data
Bioaccumulative potential	No Data
Mobility in soil	No Data

13. Disposal Considerations:

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

**Safety, health and
environmental
Regulations/legislation
specific for the substance
or mixture**

Not applicable

**Chemical Safety
Assessment**

A chemical safety assessment has not been carried out for this product