



BAILEY PEERLESS
 (A trading division of Cerro FMS Limited)
 Drain Cleaning Equipment • Waste Fittings & Access

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DRAIN TRACING DYES

Drain tracing dye is available in six colours - Green (Fluoresceine), Red, Yellow, Purple, Blue and Orange.

They are used by the Environment Agency, many local authorities and water companies and general industry throughout the UK and Europe.

The Red, Blue and Yellow colours are manufactured from 100% food grade ingredients, and are safe for use in all areas. The Green (Fluoresceine) is manufactured from the same grade (22971) as used in ophthalmic surgery.

If used in high winds outside, the powder can cause quite a mess. The best way to use the powder is to dissolve the required amount of dye into about five litres of water and then add into the flow or tank. All the colours can easily be detected with the naked eye and the Green (Fluoresceine) can also be seen at very low levels using ultraviolet light.

DILUTION RATES - POWDER FORM

Green (Fluoresceine)	200g	15 - 20,000 litres
Red	200g	12 - 15,000 litres
Blue & Purple	200g	12 - 14,000 litres
Yellow & Orange	200g	10 - 12,000 litres

All of the above quantities are assuming that tracing is being done in clean water, and should this not be the case, please contact our technical department for advice.

The drain tracing dye in our catalogue is Non-Toxic, and complies with National Rivers Authority guidelines.



1. IDENTIFICATION OF SUBSTANCE

Tracing Dye Powder colours: Green, Orange, Red, Purple, Yellow, Blue

Packed: 200g Polyjars

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Description: Green (Acid Yellow 73), Red (Food Amaranth), Blue (Food Blue FCF), Orange (Food Sunset Yellow), Yellow (Food Tartrazine), Purple (Food P/N).

Hazardous Ingredients: None. All colours, except Green, are food grade dyes.

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Powder
Colour: As dye colour
Odour: None
Change in physical state: No data
Flashpoint: Not applicable
Explosive Limits: Not applicable
Decomposition Temperature: Over 200 Degrees C
PH Value: 6-8 @ 10g litre

4. STABILITY AND REACTIVITY

Stability: Stable

Incompatibilities: Protect from moisture
Strong oxidizing agents

5. FIRE FIGHTING MEASURES

Suitable fire fighting measures: Use dry powder or CO₂.

Special protective equipment: Use self contained breathing apparatus.

6. ACCIDENTAL SPILLAGE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Pick up and arrange disposal, do not flush away with water.

7. HANDLING AND STORAGE

Usage precautions: None in normal use.

Storage precautions: Keep dry, store in original container.

8. PERSONAL PROTECTION

Respiratory equipment: None in normal use.

Hand protection: Wear protective gloves,

Eye protection: None under normal use.

9. POSSIBLE HAZARDS

Hazards: None under normal use, non toxic biodegradable.

10. FIRST AID MEASURES

General advice: No hazards requiring specialist advice.

Inhalation: Remove the exposed person to fresh air.

Skin contact: Wash with plenty of soap and water.

Eye contact: Flush eyes with suitable eye bath. If irritation persists seek medical advice.

Ingestion: Rinse mouth, seek medical advice.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: Greater than 5000 Mg / Kg,
ORAL LD50 RAT

12. ECOLOGICAL INFORMATION

Mobility: No data available.

Persistence and degradability: No data available.

Bioaccumulation: No data available.

Ecotoxicity effects: No data available.

13. **DISPOSAL CONSIDERATIONS**

Disposal: In accordance with local or state and national regulations.

14. **TRANSPORT INFORMATION**

Transport: Non hazardous cargo.
Keep separate from hazardous cargo.

15. **REGULATORY INFORMATION**

Manufactured as per specifications set by FAOWHO (JECFA), BIS (INDIA).

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 information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

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Storage precautions: Keep dry, store in original container.

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