

**BAILEY-PEERLESS**  
(A trading division of Cerro EMS limited)

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**DRAIN TRACING DYES**

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

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 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 CO<sub>2</sub>.

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.