



INNOVATIVE TRADE TOOLS

PLUMBOSS AUSTRALASIA PTY LTD

ABN 43 654 071 799

7 Bearing Road, Seven Hills NSW 2147

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SAFETY DATA SHEET PLUMBOSS FLUORESCEIN DRAIN DYE

1. IDENTIFICATION

Product Identification: plumBOSS Fluorescein Drain Dye
Product Use: Colourant for use in leak detection
Company Identification: plumBOSS Australasia Pty Ltd

2. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye Can Cause eye irritation.
Skin May cause skin irritation.
Ingestion May cause irritation of the digestive tract. Expected to be low ingestion hazard.
Inhalation May cause respiratory tract irritation. May be harmful if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients	CAS No.	Proportion
• Fluorescein	518-47-8	50%
• Sodium Sulphate Anhydrous	7757-82-6	50%

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water. If symptoms persist seek medical aid.
Skin: Wash contaminated parts with plenty of soap and water.
Ingestion: Rinse mouth immediately and seek medical advice.
Inhalation: Remove from exposure and move to fresh air. If breathing is difficult, give oxygen and seek medical aid.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide or chemical foam.
Fire-fighting advice: Fire-fighters should wear protective boots, overalls, gloves and goggles and are advised to wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

General Information

Use proper personal protective equipment as indicated in Section 8.

Spills / Leaks

Vacuum or sweep up material avoiding generating dust and place into a suitable, clearly labelled container for disposal.



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7. HANDLING AND STORAGE

Handling: Avoid breathing dust, vapour, mist or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage: Store in cool dry place out of direct sunlight. Keep containers sealed at all times. Check regularly for leakage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes: Wear safety glasses with side shields or chemical goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Body Protection: Wear appropriate protective suit to prevent exposure of body.

Hygiene Practices: When using, do not eat, drink or smoke. Shower or bath at the end of working.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark reddish yellow powder

Odour: Odourless

Freezing/Melting Point: 320 deg C

Water Soluble: approx. 500g/L (20deg)

Molecular Formula: C₂₀H₁₀Na₂O₅

10. STABILITY AND REACTIVITY

Chemical Stability: Hygroscopic: absorbs moisture or water from the air

Conditions to Avoid: Incompatible materials, exposure to moist air or water

Incompatible Materials: Strong oxidizing agents

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

Inhalation Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Ingestion May be harmful if swallowed.

Skin contact No known significant effects or critical hazards.

Eye contact Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation Adverse symptoms may include the following: respiratory tract irritation and coughing.

Ingestion No specific data.

Skin contact No specific data.

Eye contact Adverse symptoms may include the following: irritation and redness.



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12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecological Information:	Ecologically safe.
Persistence and Degradability:	Degrades naturally in sunlight, taking 5-7 days.
Solubility:	Soluble in water
Bioaccumulation/ Accumulation:	No information available.
Mobility:	Will likely be mobile in the environment due to its water solubility.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations

Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

IATA: Not regulated as a hazardous material.

IMO: Not regulated as a hazardous material.

15. REGULATORY INFORMATION

All the constituents of this chemical are listed on the Australian Inventory of Chemical Substances (ASIC). **Not listed** under WHS Regulation 2011, Schedule 10 – Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

16. OTHER INFORMATION

The information in the Safety Data Sheet is given in good faith. The information herein is accurate to the best of our knowledge and represents the most up to date information available to us. Products should be handled and used in accordance with the advice given. The information in the Safety Data Sheet does not constitute an assessment of work place risks.