

MATERIAL SAFETY DATA SHEET**Herbi Red Liquid Dye**

Not classified as hazardous according to criteria of Worksafe Australia

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: Herbi Red Liquid Dye
Supplier: Agricrop Pty Ltd
ABN: 84 100 473 309
Street Address: 1569 Wynnum Road
Tingalpa, Queensland 4173

Telephone: 07 3348 4113
Facsimile: 07 3348 2702
Emergency Telephone Number: 1800 033 111 (all Hours)

Chemical description: Diazo dye preparation
Proper Shipping Name: None Allocated
UN Number: None allocated
DG Class: Not Applicable
Packing Group:
Hazchem Code: Not Applicable
Poisons Schedule: None allocated

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Uses: A tank mix, low-staining, red dye additive to assist in the marking of vegetation.
Chemical entity: Diazo dye preparation

3. HAZARD IDENTIFICATION

The product has been assessed according to the Worksafe criteria for classifying hazardous substances and is classified as not hazardous.

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air.
Skin contact: Remove contaminated clothing. Wash affected skin with soap and plenty of water.
Eye contact: Rinse immediately with plenty of water for at least 10 minutes.
Ingestion: Wash out mouth with water. Drink plenty of water.
Advice for the doctor: Symptomatic treatment

5. FIRE FIGHTING MEASURES

Fire extinguishing agents: Water-spray, foam, powder, carbon dioxide
Restrictions: No restrictions
Fire/explosion hazard: None
Main combustion gas: Carbon, nitrogen and sulphur oxides
Personal protection: Self contained breathing apparatus

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6. ACCIDENTAL RELEASE MEASURES

Personal protection**Environmental precautions** No special precautions**Spillage procedure** Soak up with appropriate absorbent compound, and then scoop into marked containers for disposal as chemical waste.

7. HANDLING AND STORAGE

Handling**Occupational hygiene** Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.**Storage****Storage facilities** Store in a cool, dry area with adequate ventilation**Segregation** No special precautions**Storage conditions** No special conditions

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure limits have been set

Engineering Controls

Natural ventilation only is required

Personal Protection

Wash hands after use and before eating, drinking or smoking.

It is good practice when handling the concentrated solution to wear eye protection (goggles) and gloves (PVC), arm and leg covering.

Flammability**Fire Hazard** Non flammable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red liquid
Odour	None
Form	Liquid
pH	8.5 - 10 at 1mL/L
Flash point	-- °C
Oxidising properties	None
Melting point	-- °C
Thermal decomposition	> 200 °C
Ignition temperature	> 500 °C

10. STABILITY AND REACTIVITY

Conditions to avoid	None
Materials to avoid	None
Hazardous decomposition products	None under normal storage conditions

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11. TOXICOLOGICAL INFORMATION

Acute toxicity - LD50 oral	> 5000 mg/kg
Primary irritation	
Skin	Non-irritant
Eye	Non-irritant
Skin sensitisation	Not sensitizing OECD 406
Adverse effects in man	No adverse effects reported

12. ECOLOGICAL INFORMATION

Ecotoxicity	
Bacterial toxicity	BST > 300 mg/L
Fish toxicity	LC0 > 1000 mg/L
	LC50 > 1000 mg/L 48 hour Rainbow trout
Summary	Not toxic or harmful to aquatic organisms
Persistence and degradability	
Behaviour in treatment plants	No inhibition. No nitrification inhibition known
Additional Ecology Data	
BOD5	15 mgO ₂ /g
COD	1085 mgO ₂ /g
TOC	38 %
Metal content	Metal content under the ETAD recommended limits
Tested material	Standardised product

13. DISPOSAL CONSIDERATIONS

Product disposal Incineration, landfill. Observe local regulations.
Contaminated packaging Contaminated, empty containers must be disposed of as chemical waste.

14. STORAGE & TRANSPORT INFORMATION

KEEP AWAY FROM FOODSTUFFS

Storage:

Store in the closed, original container in a dry, well-ventilated area, as cool as possible and out of direct sunlight.

Transport Details:

Road Transport:

Considered non hazardous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Proper Shipping Name: None Allocated

15. REGULATORY INFORMATION

The product has been assessed according to the Worksafe criteria for classifying hazardous substances and is classified as not hazardous:

Risk Phrases

Safety Phrases

EU Guideline 83/467

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16. OTHER INFORMATION

All due care and skill, so far as practicable, has been applied in the preparation and collation of the information in this MSDS. Each user of the Product named in this MSDS should read and consider the information contained in this MSDS in the context of how the Product will be stored, handled, used or applied in the workplace. In all circumstances, it is the responsibility of the user of the Product to ensure that they have sought out the relevant safety data appropriate to their particular situation. Nothing contained in this MSDS shall be construed as a representation or recommendation to the user about the suitability or otherwise of the Product named in this MSDS for the user's particular situation. If the user requires any clarification or further information, the user should contact Agricrop.

**CONTACT POINT: Agricrop Pty Ltd
 1569 Wynnum Road
 Tingalpa, Queensland 4173**

Telephone: 07 3348 4113 - Facsimile: 07 3348 2702

National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)

Please read all labels carefully before using product.