

Safety Data Sheet

Version 1.2

DairyFlox 141

Date Revised: 12:10:2020

1. Identification

DairyFlox 141

Manufacturer / Supplier:

Science Developments Pty Ltd (ABN 96 001 815 363)
Unit 1, 8 Turbo Road
Kings Park NSW 2148 AUSTRALIA
+61 (02) 9622 5185
projects@scidev.com.au

Emergency Information (24 h)

Within Australia: 1800 033 111 (Toll Free)

Outside Australia: +61 3 9663 2130

2. Hazard(s) Identification

Classification of the Chemical:

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail: NON-DANGEROUS SUBSTANCE.

Risk Phase:

R36/38 Irritating to eyes and skin

Safety Phase:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28.1 After contact with skin, wash immediately with plenty of water and soap. S23.3 Do not breath vapour/spray.

Hazard Statement:

High concentrations of vapour may cause irritation to eyes and respiratory system and produce narcotic effects. May cause headache and dizziness. Repeated or prolonged exposure may cause dermatitis due to degreasing properties of the product. Very slippery when wet.

3. Composition and Information on Ingredients

Product Name:

Anionic polymer blend in aqueous concentrate

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4. First Aid Measures

Eye contact:

Rinse with plenty of water for 15 minutes. Get medical attention if irritation persists.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Get medical attention if skin irritation or dermatitis commences or persists.

Inhalation:

Remove to fresh air. Obtain medical attention if symptoms occur.

Ingestion:

Do not induce vomiting. If unconscious do not give anything by mouth. If conscious, rinse mouth; then drink one or two large glasses of water. Contact a doctor or the Poisons Information Centre (In Australia Phone: 13 11 26).

Notes to physician

No specific treatment. Treat symptomatically.

5. Fire Fighting Measures

Recommended extinguishers:

Carbon dioxide, dry powder, alcohol-resistant foam, water spray.

Extinguishers not to be used:

None in particular.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective suit, suitable gloves, boots and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous Decomposition Products:

Decomposition products may include the following materials: carbon oxides (CO and CO₂), nitrogen oxides.

6. Accidental Release Measures

Measures for personal safety:

Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. Spills are very slippery.

Environmental precautions:

Avoid dispersal of spilt material and prevent contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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6. Accidental Release Measures (cont...)

Cleaning methods:

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, silica gel, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal. See section 8 for personal protective equipment.

7. Handling and Storage

Handling precautions:

Do not ingest. Avoid contact with eyes and skin. Do not breath vapours, spray or mist. High risk of slipping due to leakage or spillage of product. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Ensure adequate ventilation. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage conditions:

Keep container tightly closed in a dry, cool and well-ventilated area. Protect from heat and sources of ignition. Avoid extremes of temperature.

8. Exposure Controls and Personal Protection

Occupational exposure limits:

No exposure standard allocated.

Engineering measures:

None required. However, use of adequate ventilation is good industrial practice.

Hygiene measures:

Ensure that eyewash stations are close to the workstation location.

Personal protection:

Eyes:

Tightly fitting safety goggles (chemical goggles).

Hands:

PVC oil/chemical resistant gloves.

Respiratory:

Wear respiratory protection if ventilation is inadequate

Skin

Chemical resistant apron and lightweight protective clothing.

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9. Physical and Chemical Properties

Physical State:	Viscous liquid
Colour:	Dark brown
Odour:	Mineral Oil
Melting Point:	N/A
Vapour Pressure:	Not available
Specific Gravity:	1.05 - 1.06 @ 20° C
Flash Point:	Not available
Vapour Density:	Not available
pH:	Approx 8.0 - 8.5
Solubility in water:	Dispersible

10. Stability and Reactivity

Chemical Stability:

The product is stable under normal ambient conditions of temperature and pressure. As this product is biodegradable, beware of gas build-up when opening containers.

Conditions to avoid:

Avoid temperature extremes, especially freezing conditions. Avoid all sources of ignition.

Substances to avoid:

Reactive chemicals

Hazardous decomposition products:

No decomposition expected under normal storage conditions.

Hazardous Reactions:

No hazardous reactions expected.

11. Toxicological Information

Potential acute health effects:

Inhalation:	Not tested
Ingestion:	Not tested
Skin Contact:	Irritant
Eye Contact:	Irritant

Potential chronic health effects:

Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Reproductive toxicity:	No known significant effects or critical hazards.

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12. Ecological Information

Ecotoxicity data:

Not available

Persistence/degradability Mobility:

Not available

Other adverse effects:

No known significant effects or critical hazards.

13. Disposal Considerations

Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport Information

Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) by transport by Road and Rail. NON-DANGEROUS GOODS.

15. Regulatory Information

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Poison Schedule (SUSMP): Non-allocated.

All the constituents of this material are listed on the Australian Inventory of Chemicals Substances (AICS).

16. Other Information

This SDS summarises to our best knowledge at the date of this issue the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Science Developments Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Science Developments Pty Ltd as per the contact details on page 1.

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