

Safety Data Sheet

Version 1.1

MaxiFlox® 827

Date Revised: 31:03:2020

1. Identification

MaxiFlox® 827

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

Not classified as hazardous according to the GHS criteria. Non-Dangerous Goods according to the ADCode

Hazard Statement:

H402 Harmful to aquatic life

Precautionary Statement:

Prevention:

P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves / protective clothing / eye protection.

Response:

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice / attention.

Storage:

No storage statements.

Disposal:

P501 Dispose of contents and container in accordance with local, regional national and international regulations.

3. Composition and Information on Ingredients

Chemical nature:

Cationic copolymer blend

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4. First Aid Measures

Swallowing:

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).

Eye contact:

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

Skin Contact:

In case of contact, wash affected skin with soap and plenty of water. Get medical attention if skin irritation or dermatitis commences or persists.

Inhalation:

Minimal vapour present. Remove to fresh air 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

Extinguishing Equipment:

Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Hazards arising from substance:

Non-combustible material.

Exposure hazards:

Very slippery when wet

Protective equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Hazardous Decomposition Products:

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

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6. Accidental Release Measures

Measures for personal safety:

Use suitable protective equipment (PPE). Spills are slippery.

Environmental measures:

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.

Cleaning methods:

Stop leak if without risk. Move containers from spill area. 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.

7. Handling and Storage

Handling Precautions:

Do not ingest. Avoid contact with eyes and skin. Keep in original container or an approved alternative made from a compatible material. Keep tightly closed when not in use.

Storage Conditions including any incompatibilities:

Keep container tightly closed in a dry, cool and well-ventilated area. Protect from heat and avoid extremes of temperature. Store away from foodstuffs.

8. Exposure Controls and Personal Protection

Engineering Measures & control:

No exposure standard allocated.

Engineering controls:

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

Hygiene measures:

Ensure that eyewash stations are close to the workstation location.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Skin & Hand protection:

Chemical resistant apron, lightweight protective clothing and PVC oil /chemical resistant gloves.

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9. Physical and Chemical Properties

| | |
|--------------------------|-----------------------|
| Physical state: | Liquid |
| Colour: | Clear to cloudy white |
| Odour: | Minimal |
| Melting point: | Not applicable |
| Vapour Pressure: | Not available |
| Specific gravity: | 1.10 - 1.11 @20° C |
| Flash point: | >120 °C |
| Vapour density: | Not available |
| pH: | Approx. 3.0 |
| Water solubility: | Completely soluble |

10. Stability and Reactivity

Chemical stability:

The product is stable under normal ambient conditions

Possibility of hazardous reactions:

No hazardous reactions expected.

Conditions to avoid:

Avoid temperature extremes, especially freezing conditions.

Incompatible materials:

No incompatible materials expected.

Hazardous decomposition products:

No decomposition expected under normal storage conditions.

11. Toxicological Information

No adverse health effect is expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that arise if the product is mishandled and over exposure occurs are:

Acute oral toxicity:

Not classified based on available information.

Inhalation toxicity sensitisation:

Not classified based on available information.

Skin corrosion/irritation/ Sensitisation:

Not classified based on available information.

Eyes:

Not classified based on available information.

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11. Toxicological Information

Mutagenicity:

Not classified based on available information.

Carcinogenicity:

Not classified based on available information.

Reproductive:

Not classified based on available information.

12. Ecological Information

Ecotoxicity:

No data available

Persistence and degradability:

No data available

Mobility in soil:

No data available

Other adverse effects:

No data available

13. Disposal Considerations

The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.

Refer to Waste Management Authority. Dispose of contents and container in accordance with local, regional, national and international regulations.

14. Transport Information

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

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15. Regulatory Information

Health Safety & environment:

All substances are listed on the Australian Inventory of Chemical Substances (AICS).

AU Classification:

Not classified as hazardous according to Safe Work Australia.

Control of Scheduled Carcinogenic Substances:

No listed substance.

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.

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