

Safety Data Sheet

Version 1.1

MaxiFlox® 860

Date Revised: 26:10:2020

1. Identification

MaxiFlox® 860

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 NOHSC criteria, and not dangerous goods according to the ADG Code.

Statement of Hazard:

Very slippery when wet.

3. Composition and Information on Ingredients

Chemical nature:

Cationic polyacrylamide co-polymer

4. First Aid Measures

Eye contact Skin Contact:

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

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 Ingestion:

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

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

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5. Fire Fighting Measures

Extinguishing media:

Carbon dioxide, dry powder, foam

Fire/explosion hazards:

No specific hazard

Exposure hazards:

Very slippery when wet

Special protective equipment fire-fighters:

Fire-fighters should wear appropriate protective suit, for 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:

Avoid dust formation. Suitable dust-mask and personal protective clothing. Spills are very 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 (sewers, waterways, soil or air).

Cleaning methods:

Spilled product which becomes wet or spilled aqueous solution create a hazard because of their slippery nature. Clean up with inert absorbent material (e.g. sand, earth etc).

Sweep up and shovel into suitable containers for disposal. Residues or small spillages should be hosed away completely with plenty of water. Contain washwater and dispose of in accordance with local regulations.

7. Handling and Storage

Handling Precautions:

Do not ingest. Avoid contact with eyes and skin. Avoid dust formation and ignition sources. Ensure good ventilation. Wash hands and/or face before breaks and at end of work. Slip hazard when wet.

Storage Conditions including any incompatibilities:

Avoid dust formation and ignition sources. Ensure good ventilation. Keep in a dry, cool place. Protect from water and moisture. Avoid extremes of temperature.

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8. Exposure Controls and Personal Protection

Engineering Measures & control:

Provide appropriate exhaust ventilation where dust can be generated. Ensure adequate ventilation, especially in confined areas.

Exposure Limit (ACGIH):

UST. TWA value: 10mg/m³ (Total dust).

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled to ensure ventilation is adequate to maintain air concentration below Workplace Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask. Keep bag closely tight when not in use.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Eye & Hand protection:

Tightly fitting safety goggles (chemical goggles).
PVC oil/chemical resistant gloves.

Protection for skin:

Chemical resistant apron and lightweight protective clothing.

9. Physical and Chemical Properties

Physical state:	Powder
Colour:	White
Odour:	None
Melting point:	Not available
Vapour Pressure:	Not available
Density:	Approx. 0.75g/cm ³
Flash point:	Not available
Vapour density:	Not available
pH:	Not determined
Solubility:	Forms a viscous solution

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10. Stability and Reactivity

Chemical Stability:

Stable under normal temperature and pressure.

Conditions to avoid:

Stable at room temperature. Follow the industrial hygiene norms as for the handling and storage of chemicals. Avoid extremes of temperature and wet and humid conditions.

Substances to avoid:

Avoid contact with strong oxidants. Avoid contact with alkaline materials which will degrade the polymer.

Hazardous decomposition products:

In case of combustion there is development of CO, CO₂, NO_x, HCl, NH₃ and SO₂.

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:

Ingestion:

Not tested

Eye Contact:

Not tested

Skin Contacts:

Not tested

Inhalation:

Not tested

Chronic Effect:

No known significant effects or critical hazards.

Acute Toxicity:

No known significant effects or critical hazards.

12. Ecological Information

No data available

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13. Disposal Considerations

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

14. Transport Information

Road and Rail Transport:

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

Marine Transport:

Not classified as Dangerous Goods by criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by Sea. NON-DANGEROUS GOODS.

Air Transport:

Not classified as Dangerous Goods by criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. 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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