

# Safety Data Sheet

## 1. Identification of the Material and Supplier

**Product Name:** MaxiFlox® 880  
**Supplier:** Science Developments Pty Ltd  
**ABN:** 96 001 815 363  
**Address:** Unti 1, 8 Turbo Road  
Kings Park NSW 2148 AUSTRALIA  
**Contact Details:** +61 (0) 427 501 274  
[projects@scidev.com.au](mailto:projects@scidev.com.au)  
**Emergency Telephone:** 13 11 26 (Poison Information Hotline)  
**Issued Date:** 17<sup>th</sup> April 2019

## 2. Information of Ingredients

**Product Name:** Cationic polyacrylamide co-polymer

## 3. Hazards 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.

## 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

## 5. Fire Fighting Measures

<b>Extinguishing media:</b>	Carbon dioxide, dry powder, foam
<b>Fire/explosion hazards:</b>	No specific hazard
<b>Exposure hazards:</b>	Very slippery when wet
<b>Special protective equipment fire-fighters:</b>	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.
<b>Hazardous Decomposition Products:</b>	Decomposition products may include the following materials: carbon oxides (CO and CO <sub>2</sub> ), nitrogen oxides

## 6. Accidental Release Measures

<b>Measures for personal safety:</b>	Avoid dust formation. Suitable dust-mask and personal protective clothing. Spills are very slippery.
<b>Environmental measures:</b>	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)
<b>Cleaning methods:</b>	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 & 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:** Avoid dust formation and ignition sources. Ensure good ventilation. Keep in a dry, cool place. Protect from water and moisture. Avoid extremes of temperature

## 8. Exposure Controls/Personal Protection

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

**Exposure Limit (ACGIH):** DUST. TWA value: 10mg/m<sup>3</sup> (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:** PVC oil/chemical resistant gloves.

**Eye & Hand protection:** Tightly fitting safety goggles (chemical goggles).

**Protection for skin:** Wear respiratory protection if ventilation is inadequate. Chemical resistant apron and lightweight protective clothing.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Powder
<b>Colour</b>	White
<b>Odour</b>	None
<b>Melting Point</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Density</b>	Approx. 0.75 g/cm <sup>3</sup>
<b>Flash Point</b>	Not available
<b>Vapour Density</b>	Not available

## 10. Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal temperature and pressure.
<b>Conditions to avoid:</b>	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.
<b>Substances to avoid:</b>	Avoid contact with strong oxidants. Avoid contact with alkaline materials which will degrade the polymer.
<b>Hazardous decomposition products:</b>	In case of combustion there is development of CO, CO <sub>2</sub> , NOX, HCl, NH <sub>3</sub> and SO <sub>2</sub> .

## 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:

<b>Ingestion:</b>	Not tested
<b>Eye Contact:</b>	Not tested
<b>Skin Contacts:</b>	Not tested
<b>Inhalation:</b>	Not tested



**Chronic Effect:** No known significant effects or critical hazards.

**Acute Toxicity:** No known significant effects or critical hazards.

## 12. Ecological Information

Not available

## 13. Disposal Considerations

Refer to Waste Management Authority. Dispose of content/containers in accordance with local/ regional/ national/ international regulation.

## 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 safety data sheet has been prepared by Science Developments Pty Ltd. Reason for Issue: Updated 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.