

# Safety Data Sheet

## 1. Identification of the Material and Supplier

**Product Name:** MaxiFlox® 251E  
**Supplier:** Science Developments Pty Ltd  
**ABN:** 96 001 815 363  
**Address:** Unit 1, 8 Turbo Road  
Kings Park NSW 2148 AUSTRALIA  
**Contact Details:** +61 (2) 9622 5185  
[projects@scidev.com.au](mailto:projects@scidev.com.au)  
**Emergency Telephone:** 13 11 26 (Poison Information Hotline)  
**Date:** 24 July 2019

## 2. Information of Ingredients

**Chemical Name:** Cationic polymer emulsion

## 3. Hazards Identification

**Classification of the Chemical:** Not classified as hazardous according to the GHS criteria.  
Non-Dangerous Goods according to the ADG Code.

**Hazard Statement:** H317 May cause an allergic skin reaction.  
AUH066 Repeated exposure may cause skin dryness or cracking  
H319 Causes serious eye irritation

**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.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice / attention.

### 3. Hazards Identification (cont)...

<b>Storage:</b>	No storage statements.
<b>Disposal:</b>	P501 Dispose of contents and container in accordance with local, regional national and international regulations.

### 4. First Aid Measures

<b>Contact with skin:</b>	In case of contact, wash affected skin with soap and plenty of water. Immediately remove contaminated clothing. Get medical attention if skin irritation or dermatitis commences or persists.
<b>Contact with Eyes:</b>	Rinse with plenty of water for 15 minutes. Get medical attention if persists.
<b>Swallowing:</b>	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).
<b>Inhalation:</b>	Minimal vapour present. Remove to fresh air if symptoms occur.

### 5. Fire Fighting Measures

<b>Recommended extinguishers:</b>	Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).  If water is used restrict pedestrian and vehicular traffic in areas where slip hazard may exist.
<b>Specific hazards arising from the chemical:</b>	Non-combustible material.
<b>Special protective equipment and precautions for fire-fighters:</b>	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

## 6. Accident Release Measures

<b>Measures for personal safety:</b>	Use gloves and protective clothing. Spills are 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.
<b>Cleaning methods:</b>	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, common salt (sodium chloride), 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 & Storage

<b>Handling precautions:</b>	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.
<b>Storage conditions:</b>	Keep container tightly closed in a dry, cool and well-ventilated area. Protect from heat and avoid extremes of temperature. Store away from foodstuffs. Storage temperature: 0 - 35°C.

## 8. Exposure Controls/Personal Protection

<b>Control Parameters:</b>	No exposure standard allocated.
<b>Respiratory protection:</b>	Wear respiratory protection if ventilation is inadequate.
<b>Protection for hands:</b>	PVC oil /chemical resistant gloves.
<b>Eye protection:</b>	Tightly fitting safety goggles (chemical goggles). Chemical resistant apron and lightweight protective clothing.
<b>Protection for skin:</b>	Chemical resistant apron and lightweight protective clothing.
<b>Hygiene Measures:</b>	Ensure that eyewash stations are close to the workstation location.
<b>Engineering controls:</b>	None required. However, use of adequate ventilation is good industrial practice.

## 9. Physical and Chemical Properties

<b>Colour:</b>	White to cream
<b>Physical state:</b>	Liquid emulsion
<b>Odour:</b>	Mineral Oil
<b>pH Value:</b>	Approx. 4.0
<b>Melting Point:</b>	Not determined
<b>Specific gravity:</b>	1.02 – 1.03 @20° C
<b>Flash point:</b>	93° C
<b>Solubility in Water:</b>	Dispersible
<b>Vapor Pressure (20°C)</b>	N/A
<b>Water solubility:</b>	Dispersible

## 10. Stability and Reactivity

<b>Chemical Stability:</b>	The product is stable under normal ambient conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Avoid temperature extremes, especially freezing conditions.
<b>Possibility of hazardous reactions:</b>	No hazardous reactions expected.
<b>Incompatible conditions:</b>	No incompatible materials expected.
<b>Hazardous decomposition products:</b>	No decomposition expected under normal storage and handling conditions.

## 11. Toxicological Information

<b>Ingestion:</b>	Not tested
<b>Eye Contact:</b>	Irritant.
<b>Skin Contacts:</b>	Irritant.
<b>Inhalation:</b>	Not tested
<b>Chronic Effect:</b>	No known significant effects or critical hazards.
<b>Acute Toxicity:</b>	No LD50 data available for the material.

## 12. Ecological Information

Avoid contaminating waterways.

This material is not classified as dangerous for the environment. The effects on aquatic organisms are due to an external (non-systemic) mode of action, and are significantly reduced within 30 minutes due to binding of the product to dissolved organic carbon and inorganic sorbents such as clays and silts. 48 hrs. EC50 (*Daphnia magna*): > 200 mg/L

## 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.