

Safety Data Sheet

Version 1.1

MaxiFlox® 520E

Date Revised: 26:03:2020

1. Identification

MaxiFlox® 520E

Manufacturer / Supplier:

Science Developments Pty Ltd (ABN 96 001 815 363)
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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 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.

Storage:

No storage statements.

Disposal:

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

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3. Composition and Information on Ingredients

Product Name:

Anionic Polyacrylamide Emulsion

4. First Aid Measures

Contact with skin:

Wash with plenty of water and soap, if irritation occurs seek medical advice.

Contact with Eyes:

Wash immediately with water for at least 15 minutes. If there is any irritation, OBTAIN IMMEDIATELY MEDICAL ATTENTION.

Swallowing:

Do not induce vomiting. Do not give anything to an unconscious person. Check for breathing and pulse, if present, place in the recovery position and obtain medical attention. If conscious rinse out the mouth with water. Give 3/4 of litre of water to drink immediately and repeat drinks of water at a rate of a cupful (approx. 250 mL) every 10 minutes.

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety data sheet.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Recommended extinguishers:

CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

On combustible material

Protective equipment:

Firefighters, and others exposed, use protection for the respiratory tract.

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6. Accidental Release Measures

Measures for personal safety:

Use gloves and protective clothing. Spills are slippery.

Environmental measures:

Limit leakages with earth or sand. If the product has escaped into a watercourse, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Residues or small spillages should be hosed away completely with plenty of water. Spilled product creates a hazard because of the slippery nature. The spillage should be contained with earth or sand and removed for disposal.

7. Handling and Storage

Handling precautions:

Keep away from sources of ignition. Do not breathe dust. Do not eat, drink or smoke while working. Remove contaminated clothing immediately and launder before reuse. Wash hands after use.

Storage conditions:

Instructions as regards storage premises:

Store the product in a well-ventilated area, dry place. Avoid wet and humid conditions. Avoid extremes of temperature. Maintain good housekeeping to control accumulations.

8. Exposure Controls and Personal Protection

Control Parameters:

No value assigned for this specific material by Safe Work Australia.

Respiratory protection:

Use respiratory protection if ventilation is inadequate.

Protection for hands:

Use protective gloves in P.V.C., or in plastic material/rubber.

Eye protection:

Use protective goggles.

Protection for skin:

Wear lightweight protective clothing.

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9. Physical and Chemical Properties

Colour:	Opaque / White
Appearance:	Viscous liquid
pH Value:	5-7
Bulk Density:	1.05~1.10g/cm ³
Soluble in water:	100%
Decomposition Temperature:	>150°C
Auto-ignition temperature:	>150°C
Vapour Pressure:	N/A
Explosive Properties:	N/A
Oxidising Properties:	N/A

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:

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:

Ingestion:

No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye Contact:

May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eye.

Skin Contacts:

Repeated or prolonged skin contact may lead to irritation.

Inhalation:

Breathing in dust may result in respiratory irritation.

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11. Toxicological Information (cont...)

Chronic Effect:

No information available for this product.

Acute Toxicity:

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).

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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).