

Safety Data Sheet

Version 1.1

MaxiFlox® 550E

Date Revised: 26:03:2020

1. Identification

MaxiFlox® 550E

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:

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:

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 and Personal Protection

Engineering Measures:

No exposure standard allocated.

Engineering controls:

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

Respiratory protection:

Wear respiratory protection if ventilation is inadequate

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Hand protection:

PVC oil /chemical resistant gloves.

Skin protection:

Chemical resistant apron and lightweight protective clothing.

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9. Physical and Chemical Properties

Physical State	Liquid
Colour	White to cream
Odour	Mineral oil
Melting Point	Not determined
Vapour Pressure	Not available
Specific Gravity	1.14 - 1.16 @20° C
Flash Point	Not available
Vapour Density	Not available
pH	Approx. 4.0
Water solubility	Dispersible

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:

Not Tested

Eye Contact:

Irritant

Skin Contacts:

Irritant

Inhalation:

Not tested

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11. Toxicological Information (cont...)

Carcinogenicity:

No known significant effects or critical hazards.

Mutagenicity:

No known significant effects or critical hazards.

Reproductive toxicity:

No known significant effects or critical hazards.

12. Ecological Information

Ecotoxicity:

Not available

Persistence and degradability:

Not available. In contact with water the product will hydrolyse quickly.

Bio-accumulative potential:

The polymer is not biologically available. Accumulation in organisms is not to be expected.

Mobility in soil:

Absorption to solid soil phase is expected.

Other adverse effects:

No known significant effects or critical hazards

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 content/containers in accordance with local/ regional/ national/ international regulation.

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14. Transport Information

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

15. Regulatory Information

Safety, health and environmental regulations:

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).