

Safety Data Sheet

Version 1.1

MaxiFlox 850A

Date Revised: 12:08:2020

1. Identification

MaxiFlox 850A

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

Frequent and prolonged contact can lead to skin irritation.

May cause irritation to the respiratory system, if mists or sprays maybe inhaled.

Spilled product is slippery underfoot.

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Avoid release to the environment. Refer to special instructions/safety data sheets.

3. Composition and Information on Ingredients

Chemical nature:

Aqueous solution based on: aliphatic, polyamine

4. First Aid Measures

Inhalation:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

Skin Contact:

Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

Contact with Eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

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4. First Aid Measures (cont...)

Ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

Notes to Physician:

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Treatment: Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Equipment:

Foam, dry powder, water spray

Specific Hazards:

Carbon oxides, nitrogen oxides

Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain the water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

Special Protective Equipment:

Wear a self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions:

Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety practice. Use personal protective clothing. Do not walk in the spilled product.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater. Discharge into the environment must be avoided.

Methods for cleaning up or taking up:

Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Contain washwater and dispose of in accordance with local regulations. After cleaning flush away traces with water.

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7. Handling and Storage

Handling:

Personal protective equipment should be worn during open handling. Handle in accordance with good industrial hygiene and safety practice. Avoid all direct contact with the substance/product. Remove contaminated clothing and protective equipment before entering eating areas.

Protection against fire and explosion:

No special precautions necessary.

Storage:

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Avoid extremes of temperature, especially frost and freezing conditions. Keep container tightly closed and dry; store in a cool place.

Storage stability:

Storage temperature: 0 - 40 °C

Avoid freezing

8. Exposure Controls and Personal Protection

Components with workplace control parameters

No occupational exposure limits known.

No exposure standard allocated

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust), light protective clothing

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9. Physical and Chemical Properties

| | |
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| Form: | Liquid |
| Colour: | Yellow |
| Odour: | Amine-like |
| pH value: | Approx. 6 as supplied |
| Melting point: | Approx. -1 °C |
| Boiling point: | Approx. 100 °C |
| Sublimation temperature: | Not applicable |
| Flash point: | Non-flammable. |
| Flammability: | Does not ignite |
| Lower explosion limit: | Not determined |
| Upper explosion limit: | Not determined |
| Ignition temperature: | Based on the water content the product does not ignite. |
| Self ignition: | Based on the water content the product does not ignite. |
| Explosion hazard: | Not explosive |
| Fire promoting properties: | Not fire-propagating |

10. Stability and Reactivity

Conditions to avoid:

No special precautions other than good housekeeping of chemicals.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

Stable under normal conditions.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Acute toxicity

LD50 rat (oral): > 2,000 mg/kg

Irritation:

Primary skin irritation: non-irritant

Primary irritations of the mucous membrane: non-irritant (OECD Guideline 405)

Sensitization:

Assessment of sensitization:

No data available concerning sensitizing effects.

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11. Toxicological Information (cont...)

Repeated dose toxicity:

Assessment of repeated dose toxicity:

No data available concerning repeated dose toxicity.

Genetic toxicity:

Assessment of mutagenicity:

No data was available concerning mutagenic activity.

Carcinogenicity:

Assessment of carcinogenicity:

No data was available concerning carcinogenic activity.

Reproductive toxicity:

Assessment of reproduction toxicity:

No data available concerning reproduction toxicity.

Developmental toxicity:

Assessment of teratogenicity:

No data available concerning teratogenic effects.

Other relevant toxicity information:

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological Information

Ecotoxicity:

Toxicity to fish:

LC50 (96 h) > 10 mg/l

Aquatic invertebrates:

LC50 (48 h) 20 mg/l, Daphnia magna

(under static-renewal conditions in the presence of humic acid)

Mobility:

Assessment transport between environmental compartments:

Adsorption to solid soil phase is expected.

Persistence and degradability:

Elimination information:

Not readily biodegradable (by OECD criteria).

Bioaccumulation potential.

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12. Ecological Information (cont...)

Bioaccumulation potential:

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

Additional information:

Other ecotoxicological advice:

The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

13. Disposal Considerations

Waste Disposal method:

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:

Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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): Not scheduled

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).