

Product Name	: POLYFLOX 1355	Issue Date	: 5 th June 2018
Reference No	: Version 18.01	Replaces	: None

1. IDENTIFICATION

GHS Product Identifier	Polyflox 1355
Supplier Name	Integra Water Treatment Solutions
Address	Unit B/195 Port Hacking Road, Miranda NSW 2228
Telephone	(02) 9574 0000
Fax	(02) 9574 0011
Emergency Contact	1300 880 735
Recommended Use	A blend of anionic polymers used in waste water treatment processes.

2. HAZARD IDENTIFICATION

Classification of the substance or mixture	Classified as non-Hazardous according to the criteria of GHS. Classified as non-Dangerous Goods according to ADG Code. This material is classified as non-HAZARDOUS according to the criteria of Safe Work Australia.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Ingredients	Name	CAS	Proportion
	Anionic Water-Soluble Polymer		<5 %
	Water	7732-18-5	>60%
	5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	<1%

4. FIRST AID MEASURES

Inhalation	No hazards which require special first aid measures.
Ingestion	No hazards which require special first aid measures.
Skin	Wash affected skin areas thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. Get medical attention if symptoms persist.
Eye Contact	IMMEDIATELY flush eye(s) with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.
Advice to Doctor	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide or dry chemical.
Unsuitable Extinguishing Media	Do not use water as material will become slippery and increases in volume, making clean up difficult.
Hazard from Combustion Products	Non-combustible.
Specific Hazards	Combustion products – Nitrogen oxides and carbon oxides.
Precautions	No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Slippery when wet.
Clean-up & Disposal	For small spills, use vermiculite, sand or other non-combustible absorbent to soak up, sweep and place in container for disposal. Wash spill area with

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plenty of water to sewer. Confirm with appropriate water authority for large spills. Discharge, treatment and disposal may be subject to federal, state or local laws and these should be consulted before discharge.

7. HANDLING AND STORAGE

Safe Handling	No data available.
Safe Storage	Keep in a cool dry place (0 to 35 °C). Freezing will affect the physical condition and may damage the material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists. No exposure limits set. The measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. Use this general information to help develop specific control measures. Ensure that control systems are properly designed and maintained and comply with occupational, environmental, fire, and other applicable regulations.
Biological Limit Values	No biological limit allocated.
Engineering Controls	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Adequate ventilation should be provided so that exposure limits are not exceeded.
Respiratory Protection	No data.
Eye Protection	Safety glasses or goggles should be worn as described in Australian Standard AS/ANZ 1337 – Eye Protectors for Industrial Applications.
Hand Protection	Butyl, neoprene or nitrile gloves are recommended when using this product.
Body Protection	Suitable workwear should be worn to protect personal clothing. When large quantities are handled, the use of plastic aprons and rubber boots is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque, viscous liquid
Boiling Point	No data
Melting Point	Not applicable
Solubility in Water	Soluble
Specific Gravity	No data
pH Value	4.00 to 9.00
Vapour Pressure	No data
Vapour Density (Air=1)	No data
Flash Point	Does not flash
Flammability	Does not ignite
Ignition Temperature	Not applicable
Flammable Limits (Lower)	Not applicable
Flammable Limits (Upper)	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	No special precautions other than good housekeeping of chemicals.
Incompatible Materials	Reactive chemicals.

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Hazardous Decomposition Products Nitrogen oxides and carbon oxides.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Rat: LD₅₀, >50g/kg approximately.
Inhalation No information available.
Ingestion No information available.
Skin No information available.
Eye Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slightly conjunctival effects on conjunctivae.
Chronic Health Effects A two-year study on rats did not reveal adverse health effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity Daphnia magna (48 hrs) EC₅₀, >10 g/L
Algae (Scenedesmus subspicatus) (72 hrs) IC₅₀, >10 g/L
Persistence/Degradability Not readily biodegradable.
Mobility No data.
Bioaccumulative Potential LogP_{ow} = ~0
Environmental Protection Do not allow it to enter waterways. The effects of this product on aquatic organisms are rapidly and significantly mitigated by the presence of dissolved organic carbon in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Method Can be land filled, when in compliance with local regulations. For large quantities, notify your local waste management authority for specific regulations.

14. TRANSPORT INFORMATION

Transport Information Classified as non-dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

15. REGULATORY INFORMATION

Poisons Schedule Number Not scheduled.
Packaging and Labelling As required by the ADG Code and Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

The ingredients contained in this product listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Date Prepared 5th June 2018
Abbreviations GHS – Globally Harmonised System of Classification and Labelling of Chemicals
ADG – Australian code for the Transport of Dangerous Goods by Road and Rail
Others This information summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider this information in the context of how the product will be handled and used in the workplace including in conjunction with other products.



SAFETY DATA SHEET

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