

Product Name	: POLYFLOX 4190	Issue Date	: 20 th September 2017
Reference No	: Version 17.01	Replaces	: None

1. IDENTIFICATION

GHS Product Identifier	POLYFLOX 4190
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	Processing aid for industrial applications.

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
	Distillates, (Petroleum), Hydrotreated Light	Propriety Information	10-30 %
	Fatty Alcohol Alkoxylated	Propriety Information	1-10 %

4. FIRST AID MEASURES

Inhalation	Move to fresh air immediately.
Ingestion	Rinse mouth with water. Do not induce vomiting. Get medical attention immediately.
Skin	Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.
Advice to Doctor	No information available.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water, water spray, foam, carbon dioxide (CO ₂), dry powder.
Hazard from Combustion Products	No information available.
Specific Hazards	Spills produce extremely slippery surfaces.
Precautions	Special protective equipment for fire-fighters: No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No special precautions required. Wear adequate personal protective equipment. Keep people away from spill/leak.
Clean-up & Disposal	<u>Do not flush with water.</u> Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities, clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

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7. HANDLING AND STORAGE

Safe Handling	Avoid contact with skin and eyes. When preparing the work solution, ensure there is adequate ventilation. When using, do not smoke.
Safe Storage	Keep in a dry cool place (0 to 30 °C). Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No information available.
Biological Limit Values	No biological limit allocated.
Engineering Controls	Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.
Respiratory Protection	Not required; except in case of aerosol formation.
Eye Protection	Safety glasses with side shields. Do not wear contact lenses where this product is used.
Hand Protection	PVC or other plastic material gloves.
Body Protection	Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky viscous liquid
Boiling Point	No information available
Melting Point	Not applicable
Solubility in Water	Soluble
Specific Gravity	1.05
pH Value	6.00 to 8.00 @ 5 g/L
Vapour Pressure	No information available
Vapour Density (Air=1)	No information available
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 information available.
Incompatible Materials	Oxidising agents may cause exothermic reactions.
Hazardous Decomposition Products	Thermal decomposition may product: hydrogen chloride gas, nitrogen oxides (NO _x), carbon oxides (CO _x).
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Oral (rat): LD ₅₀ , >5000 mg/kg. Dermal (rat): LD ₅₀ , >5000 mg/kg.
Inhalation	This product is not expected to be toxic by inhalation.
Ingestion	No information available.
Skin	Slightly irritating.

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Eye May cause slight eye irritation.
Chronic Health Effects No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity Zebra fish (96 hrs) LC₅₀, >100 mg/L
Daphnia magna (48 hrs) EC₅₀, >100 mg/L
Algae (72 hrs) EC₅₀, >100 mg/L

Persistence/Degradability Not readily biodegradable.
Mobility No information available.
Bioaccumulative Potential No information available.
Environmental Protection No information available.

13. DISPOSAL CONSIDERATIONS

Method Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local, state and federal 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 20th September 2017
Abbreviations GHS – Globally Harmonised System of Classification and Labelling of Chemicals
ADG – Australian code for the Transport of Dangerous Goods by Road and Rail
LD₅₀ (Lethal Dose) – Amount of ingested product that kills 50% of a test sample.
LC₅₀ (Lethal Concentration) – Lethal concentration required to kill 50% of a test sample.
EC₅₀ (Half Maximal Effective Concentration) – Concentration of a drug that gives half-maximal response.

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.

...END OF SDS...