


Product Name	: MEXEL 432	Issue Date	: 16 th June 2020
Reference No	: Version 20.02	Replaces	: 15 th November 2016

1. IDENTIFICATION

GHS Product Identifier	MEXEL 432
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 microbiological control agent used in water circuits.

2. HAZARD IDENTIFICATION

Classification of the substance or mixture	Classified as Hazardous according to the criteria of GHS. Classified as Dangerous Goods according to ADG Code. This material is classified as HAZARDOUS according to the criteria of Safe Work Australia. Classification: Skin Corrosion – Category 1 Specific Target Organ Toxicity (Repeated Exposure) – Category 1 Hazardous to The Aquatic Environment (Acute) – Category 1 Hazardous to The Aquatic Environment (Chronic) – Category 2	
Signal Word(s)	Danger	
Hazard Statement(s)	H314	Causes severe skin burns and eye damage.
	H372	Causes damage to organs through prolonged or repeated exposure.
	H400	Very toxic to aquatic life.
	H411	Toxic to aquatic life with long lasting effects.
Pictogram(s)		
Precautionary Statement – Prevention	P260	Do not breathe dust/fume/gas/mist/vapours/spray.
	P264	Wash hands thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P310	Immediately call a POISON CENTER or doctor/physician.
	P314	Get medical advice/attention if you feel unwell.
	P363	Wash contaminated clothing before reuse.
	P391	Collect spillage. Hazardous to the aquatic environment.
	P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse SKIN with water/shower.
	P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Precautionary Statement	P405	Store locked up.
– Storage		
Precautionary Statement	P501	Dispose of contents/container to an approved waste disposal plant.
– Disposal		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Ingredients	Name	CAS	Proportion
	Octadecyl Polypropylene Polyamine	94021-90-6	10-30 %
	Water	7732-18-5	>60 %

4. FIRST AID MEASURES

Inhalation	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop, seek medical attention.
Ingestion	If swallowed, give 2 glasses of water to drink. IMMEDIATELY call a physician. Never give anything by mouth to an unconscious person.
Skin	Wash affected skin areas thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. Do not take clothing home to be laundered. Discard contaminated shoes, belts and other articles made of leather.
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	Water, foam, carbon dioxide or dry chemical.
Hazard from Combustion Products	Non-combustible.
Specific Hazards	Combustion products – Carbon dioxide, carbon monoxide and oxides of nitrogen.
Precautions	Fire-fighters use Self-Contained Breathing Apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Prevent spillage from entering drains or water courses. Wear full protective clothing including face shield, face mask and gauntlets. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or disposal, and dispose of promptly. After spills, wash area, preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in accordance with all regulations. Advice laundry of nature of contamination when sending contaminated clothing to laundry. See FIRST AID PROCEDURES Section for further information. Protective clothing made of the following material should be worn to avoid skin contact: Plastic rain jackets and pants.
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- Butyl rubber, Nitrile or other impervious material.
 Caution: Slippery when wet.

Clean-up & Disposal
 Absorb onto vermiculite or other non-combustible absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or disposal. After spills, wash area, preventing runoff from entering drains. 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
 In use, avoid contact with chemical listed as hazardous reactions.

Safe Storage
 Store away from oxidising agents. Store in a dry place avoiding iron containers. Keep in a cool dry place (0 to 30 °C). Keep away from sources of ignition. 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. 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.

Respiratory Protection
 If engineering controls are not effective in controlling airborne exposure, then a half face-piece respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices; in order to make any necessary changes for individual circumstances.

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
 White emulsion thick liquid

Boiling Point
 Approximately 100 °C

Melting Point
 Not applicable, solid at normal temperatures.

Solubility in Water
 Limited solubility

Specific Gravity
 0.09 to 1.00 at 20 °C

pH Value
 10.50 to 11.50

Vapour Pressure
 Negligible

Vapour Density (Air=1)
 Not available

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Flash Point	>100 °C
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	Light, heat and incompatible materials.
Incompatible Materials	Oxidising materials.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No data available but low in mammal population. Rainbow trout (96 hours) 11 mg/L Daphnia magna (48 hours) 3.4 mg/L
Inhalation	Inhalation may irritate the nose, throat and lungs.
Ingestion	Ingestion may produce gastrointestinal irritation, nausea and diarrhoea. Harmful if swallowed.
Skin	May cause irritation.
Eye	Causes irritation to the eyes. Will cause discomfort such as stinging pain, watering and redness of the eyes.
Chronic Health Effects	Long term exposure may result in dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available.
Persistence/Degradability	No information available on persistence/degradability for this product.
Mobility	No information available on mobility for this product.
Bioaccumulative Potential	No information available on bioaccumulation for this product.
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	For large quantities, notify your local waste management authority for specific regulations. Refer to spills and disposal section.
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14. TRANSPORT INFORMATION

Transport Information	Classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th Edition).
UN Number	2735
UN Proper Shipping Name	POLYAMINES, LIQUID, CORROSIVE, NOS (Containing Alkyldiamine and fatty amine ethoxylate.).
Class	8
Hazchem Group	2X
Packaging Group	III
Special Precautions	Store in tightly closed containers in a cool area separated from normal work areas. The storage area should have adequate independent ventilation and

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have no sources of heat or sparks. Not to be loaded with Classes 4.2, 5.1, 5.2, 7.

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 16th June 2020
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.

...END OF SDS...