

Section 1: Identification of the Substance/Mixture and of Supplier

Product name: Clarity Long Life Algaecide
Recommended use: As a liquid quaternary ammonium sanitizer and algaecide.
Supplier: Space Industries Limited
Street Address: 160 Plunket Ave,
 Wiri, Auckland
 New Zealand
Telephone Number: + 64 9 262 3902
Facsimile: + 64 9 262 3948
E-mail: orders@spaceindustries.co.nz
Website: www.spaceindustries.co.nz
Emergency Telephone: 0800 764 766 (all hours)
Date of preparation: Feb 2025

Section 2: Hazards Identification

Hazard Classification: Hazardous according to the criteria or the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

HSNO Approval Code: HSR002684

Categories: Acute Toxicity (oral) Category 4
 Serious Eye Damage/Irritation Category 2



Hazard Statements: H303 – May be harmful if swallowed
 H319 – Causes Serious Eye Irritation

Precautionary: P102 – Keep out of reach of children
 P103 – Read label before use

Prevention: P264 – Wash hands face and all exposed skin thoroughly after handling

Response: Disposal:	P280 – Wear protective clothing, gloves, eye/face protection P101 – If medical advice is needed have the product container or label at hand P312 – Call a POISON CENTRE or doctor/physician if you feel unwell P302 + P352 – IF ON SKIN: Wash with plenty of soap and waterHSR002684 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 P362 – Take off contaminated clothing and wash before reuse. P501 – Dispose of contents/container in accordance with local,regional, national and international regulations.
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Section 3: Composition/information on ingredients

Product Description: Composition:	Swimming pool sanitizer and algacide. CAS 68424-85-1 benzyl C12-16-alkyldimethylammonium chloride 20-30% CAS 64-02-8 Ethylene diamine tetra acetic acid (EDTA) 3%-4% CAS 7758-99-8 Copper Sulphate Pentahydrate 2%-4% Water 62%-70%
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Section 4: First Aid Measures

Show this Safety Data Sheet to a Doctor

Inhalation: Skin Contact: Eye Contact: Ingestion: Notes for the Doctor:	Not needed. Rinse skin with water/shower. Wash contaminated clothing before reuse. Irrigate eyes with generous quantities of water for 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention. Rinse mouth. DO NOT induce vomiting. Give a glass of water to effectively dilute the product. Seek medical attention. Treat symptomatically. For advice, contact the Poisons Information Centre 0800 764 766 or a doctor
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Section 5: Fire Fighting Measures

Specific Hazards:	The product is not flammable. The product is non-combustible, however, the packaging material may burn to emit noxious fumes.
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Suitable Extinguishing Media: Fire-fighting advice:	Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder. Fire fighters should wear a self contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.
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Section 6: Accidental Release Measures

Emergency Procedures	Keep spectators away – rope off the area. Avoid accidents, clean up immediately. Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination.
Methods and Materials for Containment and Clean Up	Absorb with dry earth, sand or other similar material, shovel up and dispose of in an area approved by local authority by-laws. May be safely mopped up and area washed with excess water. Residues may be safely flushed to drain, if permitted. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.

Section 7: Handling and Storage

Handling:	• Ensure an eye bath is available and ready for use. • Observe good personal hygiene practices and recommended procedures. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product. • Store away from foodstuffs. • Avoid eye contact.
Storage:	• Store in a cool area. • Keep containers tightly closed when not in use. • Inspect regularly for deficiencies such as damage or leaks. • Protect against physical damage.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).
Engineering Control Measures:	None needed.
Personal Protective Equipment:	Can cause eye irritation. Safety glasses or goggles must be worn. Wear protective rubber gloves and clothing

Section 9: Physical and Chemical Properties

Physical state:	Mobile liquid
Colour:	Clear blue
Odour:	Faint quaternary ammonium odour
Boiling Point:	Not available
Melting Point:	Not available
Specific Gravity/Bulk	S.G. 0.99
Percent Volatilise:	89% at 100°C
Vapour Pressure:	Not available
Flash Point (°C):	None before boiling
Flammability Limits:	Not available
pH:	6.5 - 7.0

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Section 10: Stability and Reactivity

Stability:	Product is stable under normal conditions of use, storage and temperature. The product is water based and fully soluble in water. It is neutral in reaction: the pH neat is 6.5 to 7.0 Do not mix with soap or anionic detergents as these materials deactivate the disinfecting properties of this product.
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Section 11: Toxicological Information

Ingestion:	Harmful if swallowed
Eye contact:	Capable of causing irritation
Skin contact:	The product may cause irritation on long and repeated contact.
Inhalation:	Not hazardous when vapours are inhaled.

Section 12: Ecological Information

Environmental fate, persistence and degradation:	Avoid contaminating waterways. Biodegradable
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Section 13: Disposal Considerations

• Recycle wherever possible.. • Consult approved Waste Management Company for disposal options. Do not incinerate.
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Section 14: Transport Information

Road and Rail Transport:	Classified as a non - dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
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Section 15: Regulatory Information

Classification:	6.1E, 6.4A
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Section 16: Other Information

Issue Date: 26 May 2021 Note: All information given by Space Industries Ltd is offered in good faith and is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all information relevant to usage is offered without warranty or guarantee and should not be construed as a representation that the product is suitable for any particular purpose or application.
