

SAFETY DATA SHEET

Item Code: N0731

Section 1.	Identification of the material and the supplier
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Item Code: N0731
 Product: Aquacide QLF Algaecide
 Product Use: Industrial water and swimming pool algaecide

New Zealand Supplier: Realcold Ltd
 Address: 9 Prescott Street
 Penrose, Auckland
 Telephone: 09 526 5700
 Fax Number: 09 526 5721

Emergency Telephone: 09 526 5700
0800 766 764 (National Poison Centre)

Manufacturer: Greenleaf Solutions Ltd
 PO Box 64-125
 Botany
 Auckland

Date of MSDS Preparation: 14 March 2017 – version 2

Section 2.	Hazards Identification
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This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval No: HSR002684 Water Treatment Chemicals (Subsidiary Hazard)



Toxic

HSNO Classification	Hazard Code	Hazard Statement
6.1E (oral)	H303	May be harmful if swallowed.
6.3A	H315	Causes skin irritation.
6.4A	H320	Causes eye irritation.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.

P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Di-N-Alkyl (C8-10) dimethylammonium chloride	10	68424-95-3
water	90	7732-18-5

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.
If on Skin	Remove contaminated clothing and wash skin with warm soapy water. Get medical assistance if needed.
If Swallowed	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
If Inhaled	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

Section 5. Fire Fighting Measures

Hazard Type	Acutely toxic
Hazards from decomposition products	CO and fragmented hydrocarbons.
Suitable Extinguishing media	Non-Flammable. Use agents appropriate for surrounding fires
Precautions for firefighters and special protective clothing	Wear self-contained full face piece breathing apparatus and other protective clothing. Evacuate area.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Steps to be taken in case material is released or spilled:

Use absorbent materials to prevent footing hazard and to contain. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

Section 7. Handling and Storage

Handling & Storage:

Keep container closed and upright when not in use.

Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

Section 8 Exposure Controls / Personal Protection

Engineering Controls : Ventilation – Local exhaust acceptable

Personal Protection

Respiratory protection (specify type): Non required

Protective Gloves: Wear rubber gloves.

Eye protection: Safety glasses (ANSI Z-87.1 or equivalent)

Other protective clothing or equipment:

Plastic apron and sleeves

Work/hygienic practices:

Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 Physical and Chemical Properties

Appearance	Blue Liquid
Odour	Mild
Flash Point	Not applicable
Boiling Point	100°C
Specific Gravity	1.00
Solubility in Water	Soluble

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	None
Incompatible Materials	None known
Hazardous Decomposition Products	CO and fragmented Hydrocarbons

Section 11 Toxicological Information

Di-N-alkyl(C8-10)dimethylammonium chloride

Oral-Rat LD50:240 mg/kg

Inhalation-Rat LC50:N/D

Section 12. Ecotoxicological Information

no ecotoxicological information on this product.

Section 13. Disposal Considerations

Triple rinse containers and dispose of according to local regulations.

Section 14 Transport Information

This product is not classified as a Dangerous Good for road and rail transport in NZ ;
NZS 5433:2007

Section 15 Regulatory Information

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

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	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Hazchem Signage	Not required

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Realcold Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Realcold Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

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