

SAFETY DATA SHEET

Item Code: N0745 & N0746 & N0747

Section 1.	Identification of the material and the supplier
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Item Code:	N0745 & N0746 & N0747
Product:	Coil & Duct Spray
Product Use:	Deodoriser / Disinfectant
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, PO Box 64-125, Botany
Date of MSDS Preparation:	14 March 2017 – ver 2

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

Group Standard & ERMA Approval Code: Cleaning Products (Subsidiary Hazard) - HSR2530

Pictograms



Chronic



Toxic

HSNO Class.	Hazard Code	Hazard Statement	EU Risk Phrases
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6.3B	H316	Causes mild skin irritation.	R38
6.5A	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	R42
6.5B	H317	May cause an allergic skin reaction.	R43
9.1C	H412	Harmful to aquatic life with long lasting effects.	R52/R53

Prevention Code	Prevention Statement
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P103	Read label before use.
P104	Read safety data sheet before use

P261	Avoid breathing dust/fume/gas/mist/vapours/spray*.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection*.
P285	In case of inadequate ventilation wear respiratory protection.*

Response Code Response Statement

P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P341	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Disposal Code Disposal Statement

P501	
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Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Benzalkonium chloride	0.3%	8001-54-5
Water (assumed)	99.7%	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. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance
- 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 Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Non combustible
Hazards from decomposition products	None
Suitable Extinguishing media	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.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

Section 7. Handling and Storage

Handling 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.

Storage Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames.

Section 8 Exposure Controls / Personal Protection

Engineering Controls Local exhaust acceptable

Personal Protection

Respiratory protection: In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.

Protective Gloves: Wear rubber gloves.

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

Other: Chemical resistant coveralls recommended. 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	Clear Liquid
Odour	Eucalyptus
Flash Point	N/A
Boiling Point	100°C @ 760 mm Hg
Vapor density (air = 1):	<1
Evaporation rate (ethyl acetate = 1):	>1
Specific Gravity	1.04
Solubility in Water	Soluble

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	None
Hazardous Decomposition Products	CO, CO ₂ , and fragmented hydrocarbons.

Section 11 Toxicological Information

Dimethyl benzyl ammonium chloride [Cas No 8001-54-5]: Oral-Rat LD50:240 mg/kg

Summary of acute hazards

Irritation to eyes, nose, and throat; drowsiness, narcosis, tremors, and other CNS effects at high concentrations. Skin irritation, dermatitis, and defatting.

Route of exposure:

Inhalation:	Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.
Eye contact:	Watering, blurred vision, inflammation, and irritation which can result in corneal injury.
Skin contact:	Irritation, dermatitis.
Ingestion:	Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.

Summary of chronic hazards

Skin irritation, contact dermatitis, and defatting.

Medical conditions aggravated by exposure

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Section 12. Ecotoxicological Information

Harmful to aquatic life with long lasting effects.

Section 13. Disposal Considerations

Dispose of in accordance with local regulations.

Section 14 Transport Information

Not classified as a Dangerous Good for transport in NZ ; NZS 5433:2007

Section 15 Regulatory Information

ERMA Approval Code: **Cleaning Products (Subsidiary Hazard) -HSR2530**

HSNO Classification: 6.3B, 6.5A, 6.5B, 9.1C

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not Required

Location Certificate	Not applicable
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1000L (9.1C)
Emergency Response Plan trigger Quantities	1000L (9.1C)

Section 16 Other Information

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

Disclaimer

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

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