

## COIL &amp; DUCT DEODORISER DISINFECTANT

## Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

|                     |                            |                                 |                            |   |
|---------------------|----------------------------|---------------------------------|----------------------------|---|
| PRODUCT NAME        | Coil & Duct Spray          | HMIS CODES                      | Health                     | 1 |
| PRODUCT CODES       | R-CDD/1, R-CDD/5, R-CDD/20 | Flammability                    |                            | 0 |
| CHEMICAL FAMILY     | Organic/Inorganic          | Reactivity                      |                            | 0 |
| USE                 | Deodoriser/Disinfectant    | PPI                             |                            | B |
| MANUFACTURER'S NAME | Greenleaf Solutions Ltd    | EMERGENCY TELEPHONE NO.         | Poisons Information Centre |   |
| PO Box              | 64-125                     | New Zealand                     | 0800-764-766               |   |
| Botany, Auckland NZ | 1703                       | Australia                       | 13-1126                    |   |
| DATE OF PREPARATION | 1 April, 2014              | TECHNICAL SERVICE TELEPHONE NO. | 0064-9-272 4141            |   |

## Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

| % by WT | CAS No. | INGREDIENT                         | UNITS |
|---------|---------|------------------------------------|-------|
| 0.3     | Mixture | -dimethyl benzyl ammonium chloride |       |
|         |         | ACGIH TLV                          | N/D   |
|         |         | OSHA PEL                           | N/D   |

## Section 3 -- HAZARDS IDENTIFICATION 6.3B, 6.4A, 6.5A, 6.5B, 6.9B, 9.1D

DANGER- Toxic if swallowed. May cause allergy or asthma symptoms or breathing difficulties if inhaled; May cause an allergic skin reaction. May cause damage to organs; Causes severe skin burns and eye damage; Very toxic to aquatic life; Toxic to terrestrial vertebrates.

## Section 4 -- FIRST AID MEASURES

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.

If on SKIN: Immediately wash with soap and water. Remove and wash any contaminated clothing.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.

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.

## Section 5 -- FIRE FIGHTING MEASURES

|             |     |     |
|-------------|-----|-----|
| FLASH POINT | LEL | UEL |
| None        | N/D | N/D |

## EXTINGUISHING MEDIA

Non-flammable. Use agents appropriate for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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.

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Section 7 -- HANDLING AND STORAGE  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames.  
OTHER PRECAUTIONS: 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.

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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RESPIRATORY PROTECTION (SPECIFY TYPE): In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion proof

MECHANICAL (GENERAL): Acceptable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: splash aprons recommended.

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.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING POINT: >212 F (100 C) @ 760mm Hg

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.04

VAPOR PRESSURE (mm Hg): N/D

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): <1

EVAPORATION RATE (ETHYL ACETATE = 1): >1

APPEARANCE/ODOR: Clear Green Liquid

SOLUBILITY IN WATER: Soluble

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Section 10 -- STABILITY AND REACTIVITY  
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STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Heat, sparks and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO, and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

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Section 11 -- TOXICOLOGY INFORMATION  
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CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

Ingredient Name

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-dimethyl benzyl ammonium chloride

Oral-Rat LD50:240 mg/kg

Inhalation-Rat LC50:N/D  
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Section 12 -- Ecological Information

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 ECOLOGICAL DATA  
 Ingredient Name  
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-dimethyl benzyl ammonium chloride  
                     Food Chain Concentration Potential           None  
                     WATERFOWL TOXICITY                               None  
                     BOD   None  
                     AQUATIC TOXICITY                                   None

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 Section 13 -- DISPOSAL CONSIDERATIONS  
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Waste Classification: Non-regulated liquid waste.  
 Disposal Method: Dispose of in accordance with local, state and federal regulations.

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 Section 14 -- TRANSPORTATION INFORMATION  
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DOT: Non-regulated  
 OCEAN (IMDG): Non-regulated  
 AIR (IATA): Non-regulated  
 WHMIS (CANADA): Non-regulated

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 Section 15 -- REGULATORY INFORMATION  
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REGULATORY DATA  
 Ingredient Name  
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-dimethyl benzyl ammonium chloride  
                     SARA 313                                       No  
                     TSCA Inventory                               Yes  
                     CERCLA RQ                                    N/A  
                     RCRA Code                                     N/A

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 Section 16 -- OTHER INFORMATION  
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The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.