

Coil Disinfectant
MATERIAL SAFETY DATA SHEET

MSDS 0220

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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION
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<p>PRODUCT NAME Coil Disinfectant</p> <p>PRODUCT CODES 82602, 82604, 82606, 82840</p> <p>CHEMICAL FAMILY Organic/Inorganic</p> <p>USE Coil Disinfectant</p> <p>MANUFACTURER'S NAME The RectorSeal Corporation 2601 Spenwick Drive Houston, Texas 77055 USA</p> <p>VALIDATION DATE December 12, 2007</p> <p>REVISION DATE December 12, 2007</p>	<p>HMIS CODES</p> <table border="0" style="width: 100%;"> <tr><td>Health</td><td style="text-align: right;">1</td></tr> <tr><td>Flammability</td><td style="text-align: right;">0</td></tr> <tr><td>Reactivity</td><td style="text-align: right;">0</td></tr> <tr><td>PPI</td><td style="text-align: right;">B</td></tr> </table> <p>EMERGENCY TELEPHONE NO. Chemtrec 24 Hours (800) 424-9300</p> <p>TECHNICAL SERVICE TELEPHONE NO. (800) 231-3345</p>	Health	1	Flammability	0	Reactivity	0	PPI	B
Health	1								
Flammability	0								
Reactivity	0								
PPI	B								

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Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS
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% by WT	CAS No.	INGREDIENT	UNITS
0.05	68424-95-3	Di-N-alkyl(C8-10)dimethylammonium chloride	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.04	Mixture	Linear primary and/or secondary alcohol ethoxylates and/or nonyl phenol ethoxylate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.03	68424-85-1	N-Alkyl(C12-16)dimethylbenzylammonium chloride	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.03	64-02-8	Tetrasodium ethylenediamine tetraacetate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.01	6834-92-0	Sodium metasilicate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
99.8	7732-18-5	Water	
		ACGIH TLV	N/D
		OSHA PEL	N/D

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Section 3 -- HAZARDS IDENTIFICATION
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SUMMARY OF ACUTE HAZARDS

Based on the available animal toxicity information, it is anticipated that this material will cause mild or no skin or eye irritation upon direct or prolonged contact. No human overexposure data is available for this material.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

None known.

EYE CONTACT

May cause eye irritation.

SKIN CONTACT

May cause skin irritation.

INGESTION

May cause Nausea and vomiting.

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SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No effects indicated.

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: 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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use.

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.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: N/A

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: 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

BOILING POINT: >212 F (100 C) @ 760mm Hg

SPECIFIC GRAVITY (H2O = 1): 1.00

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VAPOR PRESSURE (mm Hg): N/D
MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): N/D
EVAPORATION RATE (ETHYL ACETATE = 1): N/D
APPEARANCE/ODOR: Blue Liquid / Mild Odor
SOLUBILITY IN WATER: Soluble

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: will not occur.

Section 11 -- TOXICOLOGY INFORMATION

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

TOXICOLOGY DATA
Ingredient Name

Di-N-alkyl(C8-10)dimethylammonium chloride
Oral-Rat LD50:240 mg/kg
Inhalation-Rat LC50:N/D
-eye irritation (rabbit): non-irritant (primary irritation index = 0.0)
-skin irritation (rabbit): non-irritant (primary irritation index = 0.0)

Section 12 -- Ecological Information

ECOLOGICAL DATA
Ingredient Name

Di-N-alkyl(C8-10)dimethylammonium chloride
Food Chain Concentration Potential None
WATERFOWL TOXICITY None
BOD None
AQUATIC TOXICITY None

Section 13 -- DISPOSAL CONSIDERATIONS

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

Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-regulated
OCEAN (IMDG): Non-regulated
AIR (IATA): Non-regulated
WHMIS (CANADA): Non-regulated

Section 15 -- REGULATORY INFORMATION

REGULATORY DATA
Ingredient Name

This is an EPA registered pesticide (EPA Registration No. 6836-152-51219)

Di-N-alkyl(C8-10)dimethylammonium chloride
SARA 313 No
TSCA Inventory Yes

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CERCLA RQ	N/A
RCRA Code	N/A

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001