MSDS 0219

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Sectio	n 1 PRODUCT AND COM	PANY IDENTIFICATION
PRODUCT NAME Renewz Aerosol		HMIS CODES Health 3 Flammability 0 Reactivity 1
PRODUCT CODES 82652 CHEMICAL FAMILY: Inorganic Base USE		PPI D
Condenser Coil Cleaner MANUFACTURER'S NAME The RectorSeal Corporation 2601 Spenwick Drive Houston, Texas 77055 USA		EMERGENCY TELEPHONE NO. Chemtrec 24 Hours (800) 424-9300
DATE OF PREPARATIO July 25, 2003	N 	TECHNICAL SERVICE TELEPHONE NO. (800) 231-3345
Section 2 COMPOSITION/INFORMATION ON INGREDIENTS		
% by WT CAS 7 1310-	No. INGREDIENT 73-2 Sodium Hydroxide ACGIH TLV OSHA PEL	UNITS CL 2 mg/m3 CL 2 mg/m3
Section 3 HAZARDS IDENTIFICATION		
EXPOSURE to human tissue will result in irritation and chemical burns.  ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS INHALATION  Extremely corrosive to respiratory system.  EYE CONTACT  Corrosive, contact causes severe eye burns.  SKIN CONTACT  Corrosive to skin.  INGESTION  Poison! Swallowing large quantities can cause death and burns to digestive system.  SUMMARY OF CHRONIC HAZARDS  Exposure to human tissue will result in irritation and chemical burns.  MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE  Individuals with pre-existing or chronic diseases of the eyes, skin or persons with chemical sensitivity may have increased susceptibility to excessive exposures.		
Section 4 FIRST AID MEASURES		
If INHALED:	immediately. Give ox	re, remove victim to fresh air ygen or artificial respiration as ency medical attention. Prompt

action

is essential.

If on SKIN: Flush with large amounts of water. If irritation or burns

occur, seek immediate medical attention.

Flush with large amounts of water for at least 15 minutes. If in EYES:

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.

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## Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT UEL  $_{
m LEL}$ None N/A N/A

Negative Flame Extension. NFPA Level 1 Aerosol EXTINGUSING MEDIA

Use agents suitable for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10). Dike area as run-off may create additional environmental contamination

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans are under pressure exposure to temperatures above 120F can cause bursting or "rocketing" of

Firefighters should use self-contained respiratory protection in building or confined space.

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## Section 6 -- ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shake well before using. Keep away from heat, sparks and open flames. Prolonged exposure to direct sunshine or storage above 120F may cause can to burst. Do not puncture or incinerate can.

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## Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Shake well before using. Keep away from heat, sparks and open flames. Prolonged exposure to direct sunshine or storage above 120F may cause can to burst. Do not puncture or incinerate can.

OTHER PRECAUTIONS: Do not permit workers to handle Renewz without proper training or proper equipment. Empty containers may contain residues and vapors; treat as if full and observe all product precautions. KEEP OUT OF REACH OF CHILDREN.

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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 self-contained breathing apparatus. None required for

normal use in adequately ventilated areas where TLV is not exceeded.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion proof

MECHANICAL (GENERAL): Preferable

OTHER: N/A

PROTECTIVE GLOVES: Rubber or neoprene

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls 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.

\_\_\_\_\_\_ Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES >212 F (>100 C) @ 760mm Hg BOILING POINT: SPECIFIC GRAVITY (H20 = 1): 1.2 VAPOR PRESSURE (mm Hg): 1 @ 77 F (20 C) MELTING POINT: N/AVAPOR DENSITY (AIR = 1): EVAPORATION RATE (ETHYL ACETATE = 1): <1 Clear Yellow Liquid/ Little or No Odor APPEARANCE/ODOR: SOLUBILITY IN WATER: Soluble \_\_\_\_\_\_ Section 10 -- STABILITY AND REACTIVITY \_\_\_\_\_\_ STABILITY: Stable CONDITIONS TO AVOID: Heat, sparks, open flames. INCOMPATIBILITY (MATERIALS TO AVOID): Acids, flammable liquids, organics, halogens, metals, nitromethane. When wet, attacks chemically active metals as aluminum, tin, lead, and zinc to produce flammable hydrogen gas. HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition forms toxic fumes of sodium 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 \_\_\_\_\_\_ Sodium Hydroxide Oral-Rabbit, adult LDLo:500 mg/kg Inhalation-Rat LC50: N/D \_\_\_\_\_\_ Section 12 -- Ecological Information \_\_\_\_\_\_ ECOLOGICAL DATA Ingredient Name \_\_\_\_\_\_ Sodium Hydroxide Food Chain Concentration Potential WATERFOWL TOXICITY N/DAQUATIC TOXICITY 125 ppm/96 hr/mosquito fish/TLm \_\_\_\_\_\_ Section 13 -- DISPOSAL CONSIDERATIONS \_\_\_\_\_\_ Waste Classification: Corrosive(D002) Disposal Method: Depressurize aerosol container and neutralization. RCRA classified hazardous waste. Dispose of absorbed materials and liquid waste in accordance with all local, state and federal regulations. \_\_\_\_\_\_ Section 14 -- TRANSPORTATION INFORMATION

DOT: Aerosols, non-flammable, 2.2, UN1950, ERG#126

OCEAN (IMDG): Aerosols, non-flammable, 2.2, UN1950, EMS#2-13, MFAG#620

AIR (IATA): Aerosols, non-flammable, 2.2, UN1950, ERG#126

WHMIS (CANADA): Class A

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Section 15 -- REGULATORY INFORMATION

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REGULATORY DATA Ingredient Name

\_\_\_\_\_\_\_

Sodium Hydroxide

SARA 313 No
TSCA Inventory Yes
CERCLA RQ 1000 lb.
RCRA Code N/A

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Section 16 -- OTHER INFORMATION

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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