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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

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HMIS CODES

PRODUCT NAME Health

Zipp Flammability

Reactivity

PPI

PRODUCT CODES

82642

CHEMICAL FAMILY

Organic

USE

Cleaner & Degreaser

MANUFACTURER'S NAME EMERGENCY TELEPHONE NO.

The RectorSeal Corporation Chemtrec 24 Hours 2601 Spenwick Drive (800) 424-9300

Houston, Texas 77055 USA

VALIDATION DATE TECHNICAL SERVICE TELEPHONE NO

August 14, 2006 (800) 231-3345

REVISION DATE

August 14, 2006

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### Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT		UNITS
92	127-18-4	Tetrachloroethylene	9	
		ACGIH TLV	50	ppm
		OSHA PEL	25	ppm
		OSHA STEL	200	ppm
5	75-09-2	Methylene Chloride		
		ACGIH TLV	50	ppm
		OSHA PEL	25	ppm
		OSHA STEL	125	ppm

Section 3 -- HAZARDS IDENTIFICATION

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# SUMMARY OF ACUTE HAZARDS

Repeated inhalation may cause dizziness, nausea and CNS effects. May cau severe eye and skin irritation.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

### INHALATION

Inhalation of high concentrations may cause central nervous system effect characterized by headache, dizziness, drowsiness, and nausea. Advanced stamay cause collapse, unconsciousness, coma and possible death due to respiration failure.

## EYE CONTACT

Contact with eyes may cause severe irritation.

SKIN CONTACT

Irritation and drying.

#### INGESTION

May cause irritation of the digestive tract May cause central nervous

May cause irritation of the digestive tract. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, and nausea. Advanced stages may cause collapse, unconsciousness coma and possible death due to respiratory failure.

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.

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### Section 4 -- FIRST AID MEASURES

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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

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FLASH POINT LEL UEL None N/D N/D

Negative Flame Extension, (NFPA) Level 1 Aerosol

EXTINGUSING MEDIA

Foam, dry chemical, CO2, or water fog.

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans are under pressure -

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

Section 6 -- ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. Ventilate area with 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: Shake well before using. Keep away from heat and open flames. Prolonged exposure to direct sunshine storage above 120 F may cause can to burst. Do not puncture or incinerate OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or cloth: Empty containers may contain residues; treat as if full and observe all products precautions.

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#### Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

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RESPIRATORY PROTECTION (SPECIFY TYPE): In confined, poorly ventilated area use NIOSH/MSHA approved air purifying or supplied air respirator.

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: Chemical resistant coveralls

recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash expose areas thoroughly before eating, drinking, smoking, or leaving work area.

Launder contaminated clothing before reuse.

# Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT: 104 F (40 C)@ 760mm Hg

SPECIFIC GRAVITY (H20 = 1): 1.27

VAPOR PRESSURE (mm Hg): 350 mm HG @ 20 C

MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): 2.9
EVAPORATION RATE (ETHYL ACETATE = 1): >1

APPEARANCE/ODOR: Clear Liquid / Mild Odor

SOLUBILITY IN WATER: Insoluble

VOLATILE ORGANIC COMPOUNDS(VOC)Content

(Theoretical Percentage By Weight): 97% or (970 g/L)

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Section 10 -- STABILITY AND REACTIVITY

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STABILITY: Stable

CONDITIONS TO AVOID: Do not store in temperatures above 120 F. INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.

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

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 -- TOXICOLOGY INFORMATION

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## CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Methylene chloride has been shown to cause cancer in certain laboratory animals. Risk to your health depends on level and duration of exposure.

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TOXICOLOGY DATA

Ingredient Name

\_\_\_\_\_

Tetrachloroethylene

Oral-Rat LD50:2629 mg/kg

Inhalation-Rat LC50:34,200 mg/m3/8H

Methylene Chloride

Oral-Rat LD50:1600 mg/kg

Inhalation-Rat LC50:88,000 mg/m3/30M

\_\_\_\_\_\_ Section 12 -- Ecological Information \_\_\_\_\_ ECOLOGICAL DATA Ingredient Name Tetrachloroethylene Food Chain Concentration Potential None WATERFOWL TOXICITY N/ABOD None AQUATIC TOXICITY N/AMethylene Chloride Food Chain Concentration Potential None WATERFOWL TOXICITY N/ABOD N/AAQUATIC TOXICITY N/A Section 13 -- DISPOSAL CONSIDERATIONS Waste Classification: Aerosols Disposal Method: Empty containers can be disposed of in trash. Full containers should be depressurized to separate liquid phase. The liquid phase is considered a U210 and U080 hazardous waste and should be incinerat Dispose of all liquid waste in accordance with all local, state and federal regulations. \_\_\_\_\_\_ Section 14 -- TRANSPORTATION INFORMATION DOT: Aerosols, Class 2.2, UN 1950, ERG#126 OCEAN (IMDG): Aerosols, Class 2.2, UN 1950, IMDG#2102, EMS#2-13 AIR (IATA): Aerosols, Class 2.2, UN 1950, ERG#126 WHMIS (CANADA): Class A, (Class D Division 1, Subdivision B) \_\_\_\_\_\_ Section 15 -- REGULATORY INFORMATION REGULATORY DATA Ingredient Name \_\_\_\_\_\_ Tetrachloroethylene SARA 313 Yes TSCA Inventory Yes 100 lbs. CERCLA RO RCRA Code U210 Methylene Chloride SARA 313 Yes TSCA Inventory Yes 1000 lbs. CERCLA RO

### CALIFORNIA PROPOSITION 65

harm.

RCRA Code

This product contains tetrachloroethylene and methylene chloride known t the state of California to cause cancer and/or birth defects or reproductive

U080

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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 furt information: (713) 263-8001