

SAFETY DATA SHEET

SDS 0234

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

	HMIS CODES	
PRODUCT NAME	Health	2
BUZ-AWF	Flammability	1
	Reactivity	0
PRODUCT CODES	PPI	B
84390		
CHEMICAL FAMILY		
Organic		
USE		
Pesticide		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.	
The RectorSeal Corporation	Chemtrec 24 Hours	
2601 Spenwick Drive	(800)424-9300 USA	
Houston, Texas 77055 USA	(703)527-3887 International	
DATE OF VALIDATION	TECHNICAL SERVICE TELEPHONE NO.	
March 12, 2013	(800)231-3345 or (713)263-8001	
DATE OF PREPARATION		
March 12, 2013		

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 Section 2 -- HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS

None

HEALTH HAZARDS

Acute Toxicity

Oral: Not Classified

Dermal: Not Classified

Inhalation: Not Classified

Skin Corrosion/Irritation: Not Classified

Serious Eye Damage/Eye Irritation: Not Classified

Respiratory or Skin Sensitization: Not Classified

Germ Cell Mutagenicity: Not Classified

Carcinogenicity: Not Classified

Reproductive Toxicology: Not Classified

Target Organ Systemic Toxicity - Single Exposure: Not Classified

Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

 GHS Label elements, including precautionary statements

Pictogram: Compressed Gas, Harmful / Irritant

Signal Word: Warning

Hazard Statements

H303 - May be harmful if swallowed.

H313 - May be harmful in contact with skin.

H335 + H336 - May cause respiratory irritation, and drowsiness or dizziness.

Precautionary Statements

P102 - Keep out of reach of children.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P262 - Do not get in eyes, on skin, or on clothing.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.
P362 - Take off contaminated clothing and wash before reuse.
EUH066 - Repeated exposure may cause skin dryness or cracking
Precautionary Statements - EU No. 1272/2008

SUMMARY OF ACUTE HAZARDS

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

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory 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 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 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Petroleum Distillate
PERCENTAGE BY WEIGHT: <94
CAS NUMBER: 64742-47-8
EINEC: 265-149-8

INGREDIENT: Tetramethrin
PERCENTAGE BY WEIGHT: 0.1
CAS NUMBER: 7696-12-0
EINEC: 231-711-6

INGREDIENT: Pyrethrins
PERCENTAGE BY WEIGHT: 0.25
CAS NUMBER: 8003-34-7
EINEC: 232-319-8

INGREDIENT: Piperonyl Butoxide
PERCENTAGE BY WEIGHT: 0.5
CAS NUMBER: 51-03-6
EINEC: 200-076-7

INGREDIENT: Carbon Dioxide
PERCENTAGE BY WEIGHT: 5.15
CAS NUMBER: 124-38-9
EINEC: 204-696-9
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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.

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Section 5 -- FIRE FIGHTING MEASURES

EXTINGUISHING 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 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 cans.

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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. 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

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

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT UNITS

Petroleum Distillate

ACGIH TLV	100 ppm
OSHA PEL	100 ppm

Tetramethrin

ACGIH TLV	15 mg/m3
OSHA PEL	10 mg/m3

Pyrethrins

ACGIH TLV	N/D
OSHA PEL	N/D

Piperonyl Butoxide

ACGIH TLV	N/D
OSHA PEL	N/D

Carbon Dioxide

ACGIH TLV	5,000 ppm
OSHA PEL	5,000 ppm
OSHA STEL	30,000 ppm

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

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: Chemical resistant 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.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >252 F (122 C) @ 760mm Hg
 SPECIFIC GRAVITY (H2O = 1): 0.80
 VAPOR PRESSURE (mm Hg): N/D
 MELTING POINT: N/A
 VAPOR DENSITY (AIR = 1): <1
 EVAPORATION RATE (ETHYL ACETATE = 1): 2
 APPEARANCE/ODOR: Amber Liquid / Petroleum Odor
 SOLUBILITY IN WATER: Insoluble
 FLASH POINT: 150 F (66 C) SETA CC
 AEROSOL FLAME EXTENSION: Negative
 NFPA AEROSOL LEVEL: 1
 LOWER EXPLOSION LIMIT: N/D
 UPPER EXPLOSION LIMIT: N/D
 VOLATILE ORGANIC COMPOUNDS (VOC) Content
 (Theoretical Percentage By Weight): 94% or (752 g/L)

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Section 10 -- STABILITY AND REACTIVITY

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.

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Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

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

TOXICOLOGY DATA

Ingredient Name

 Petroleum Distillate
 Oral-Rat LD50:N/D
 Inhalation-Rat LC50:N/D
 Tetramethrin
 Oral-Rat LD50:N/D
 Inhalation-Rat LC50:N/D
 Pyrethrins
 Oral-Rat LD50:N/D
 Inhalation-Rat LC50:N/D
 Piperonyl Butoxide
 Oral-Rat LD50:N/D
 Inhalation-Rat LC50:N/D
 Carbon Dioxide

Oral-Rat LD50:N/D
 Inhalation-Rat TCLo:6 pph/24H (10D preg)

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 Section 12 -- Ecological Information

ECOLOGICAL DATA

 Ingredient Name

Petroleum Distillate

Food Chain Concentration Potential: N/D
 WATERFOWL TOXICITY: N/D
 BOD: N/D
 AQUATIC TOXICITY: N/D

Tetramethrin

Food Chain Concentration Potential: N/D
 WATERFOWL TOXICITY: N/D
 BOD: N/D
 AQUATIC TOXICITY: N/D

Pyrethrins

Food Chain Concentration Potential: N/D
 WATERFOWL TOXICITY: N/D
 BOD: N/D
 AQUATIC TOXICITY: N/D

Piperonyl Butoxide

Food Chain Concentration Potential: N/D
 WATERFOWL TOXICITY: N/D
 BOD: N/D
 AQUATIC TOXICITY: N/D

Carbon Dioxide

Food Chain Concentration Potential: N/D
 WATERFOWL TOXICITY: Inhalation 5-8%
 BOD: N/D
 AQUATIC TOXICITY: 100-200mg/l/ various organisms

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 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.

Dispose of all liquid waste in accordance with all local, state and federal regulations.

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 Section 14 -- TRANSPORTATION INFORMATION

DOT: Consumer Commodity, ORM-D

OCEAN (IMDG): UN1950, Aerosols, 2, Ltd Qty or Limited Quantity, EmS No. F-D, S-U

 AIR (IATA): UN1950, Aerosols, 2.2, ERG#126
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 Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

 Ingredient Name

Petroleum Distillate

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

Tetramethrin

SARA 313	Yes
TSCA Inventory	Yes

	CERCLA RQ	N/A
	RCRA Code	N/A
Pyrethrins		
	SARA 313	Yes
	TSCA Inventory	Yes
	CERCLA RQ	1 lb.
	RCRA Code	N/A
Piperonyl Butoxide		
	SARA 313	Yes
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Carbon Dioxide		
	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A

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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