

REC'D JUL 11 2000

5967

CHM00086

MSDS0234

Ver. No.1

Ver. Date June 22, 2000

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME BUZ-AWF™
 PRODUCT CODE: 84390
 CHEMICAL FAMILY: Organic
 USE: Pesticide Wasp & Hornet Killer
 MANUFACTURER / SUPPLIER
 RectorSeal
 2601 Spenwick
 Houston, Texas 77055 USA

EMERGENCY TELEPHONE NUMBERS:
 Chemtrec 24 hours: (800) 424-9300
 RectorSeal: (713) 263-8001
 NON EMERGENCY TELEPHONE NUMBERS:
 Technical Service: (800) 231-3345

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO.	APPROX		OSHA PEL	ACGIH TLV	OTHER LIMITS	HMIS	NFPA
		%						
Phenothrin	26002-80-2	0.125		N/D	N/D	N/D	N/D	N/D
Tetramethrin	7696-12-0	0.200		N/D	N/D	N/D	N/D	N/D
Trimethyl Benzene	25551-13-7	< 0.5		N/D	25 ppm	N/D	N/D	N/D
Petroleum Distillates	64742-47-8	-		400 ppm	N/A	350 mg/m ³ NIOSH	N/D	N/D
Carbon Dioxide	124-38-9	-		5,000 ppm	5,000 ppm	30,000 STEL	N/D	N/D

SECTION 3 HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS Repeated inhalation may cause dizziness, nausea and CNS effects.

ROUTE OF EXPOSURE **SIGNS AND SYMPTOMS**
INHALATION: Upper respiratory tract irritation and narcosis, CNS symptoms.
EYE CONTACT: Irritation, blurred vision.
SKIN CONTACT: Irritation, dermatitis, defatting.
INGESTION: Gastro-intestinal irritation, nausea, vomiting.

PRIMARY ROUTE(S)
 Yes
 Yes
 Yes
 No

SUMMARY OF CHRONIC HAZARDS: Prolonged skin contact may result in irritation and redness.
MEDICAL CONDITIONS GENERALLY 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.

SECTION 4 FIRST AID MEASURES

INHALATION: Remove to fresh air; administer oxygen, or artificial respiration if needed. Seek immediate medical attention.
EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.
SKIN CONTACT: Wash with soap and water. If irritation occurs, seek medical attention.
INGESTION: 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: 152°F (67°C) Seta CC
EXTINGUISHING MEDIA: Foam, dry chemical, CO₂, or water fog.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Evacuate immediate area. Hazardous decomposition products possible (see Section 10). Dike fire control area as run-off may create additional fire hazard and environmental contamination. Cool heat exposed containers with water. If spill or leak has not ignited, use water spray to disperse vapors.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans are under pressure - exposure to temperatures above 120°F can cause bursting or "rocketing" of cans. Firefighters should use self-contained respiratory protection in building or confined space.

FLAMMABILITY LIMITS: LEL: 0.6% UEL: 7.0%

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. Place used absorbents into closed DOT-approved containers for disposal.

SECTION 7 STORAGE AND HANDLING

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 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 and vapors; treat as if full and observe all products precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): Normally none required. In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators.
VENTILATION - LOCAL EXHAUST: Acceptable
MECHANICAL (GENERAL): Preferable
PROTECTIVE GLOVES: PVA or Neoprene gloves may be used.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

SPECIAL: N/A
OTHER: N/A
EYE PROTECTION: Goggles recommended.

5967

8 EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

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: 166°F (74°C)	SPECIFIC GRAVITY (H ₂ O = 1): 0.80
VAPOR PRESSURE @ 70°F: 100 psi	MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): > 1	EVAPORATION RATE (ETHYL ACETATE = 1): < 1
SOLUBILITY IN WATER: very slight	APPEARANCE/ODOR: Amber liquid / petroleum odor

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks, open flames, and strong oxidizing, acidic and basic conditions.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing, acidic and basic materials.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGY INFORMATION

CARCINOGENICITY: NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No

<u>SUBSTANCE</u>	<u>CAS NO.</u>	<u>LD50</u>	<u>LC50</u>
BUZ-AWF	Mixture	N/D	LC50 (rat) > 5.34 mg/L
Phenothrin	26002-80-2	Oral-Rat LD50:>10 g/kg	N/D
Tetramethrin	7696-12-0	N/D	N/D
Trimethyl Benzene	25551-13-7	Oral-Rat LD50:8970 mg/kg	N/D
Petroleum Distillates	64742-47-8	N/D	N/D
Carbon Dioxide	124-38-9	N/D	Inhalation-Rat TCLo:6 pph/24H (10D preg)

SECTION 12 ECOLOGICAL INFORMATION

<u>SUBSTANCE</u>	<u>FOOD CHAIN CON POTENTIAL</u>	<u>WATERFOWL TOXICITY</u>	<u>BOD</u>	<u>AQUATIC TOXICITY</u>
Phenothrin	N/D	N/D	N/D	N/D
Tetramethrin	N/D	N/D	N/D	N/D
Trimethyl Benzene	N/D	N/D	N/D	N/D
Petroleum Distillates	N/D	N/D	N/D	N/D
Carbon Dioxide	None	Inhalation 5-8%, no effect	None	100-200mg/l/no time specified/various organisms

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Always use up product according to label directions before disposal. Offer empty container for recycling where facilities exist. If recycling is not available, wrap empty container in newspaper and discard in trash. **DO NOT PUNCTURE OR INCINERATE CONTAINER.**

SECTION 14 TRANSPORTATION INFORMATION

DOT: Consumer Commodity ORM-D
OCEAN (IMDG): Aerosols, Class 2.3, UN 1950, IMDG#2102, EMS#2-13
AIR (IATA): Aerosols, Class 2.3, UN 1950, ERG#126
WHMIS (CANADA): Class A, B-5, (Bulk: D-1)

SECTION 15 REGULATORY INFORMATION

<u>SUBSTANCE</u>	<u>SARA 313</u>	<u>TSCA INVENTORY</u>	<u>CERCLA RQ</u>	<u>RCRA CODE</u>
Phenothrin	Yes	Yes	N/A	N/A
Tetramethrin	Yes	Yes	N/A	N/A
Trimethyl Benzene	Yes	Yes	N/A	N/A
Petroleum Distillates	No	Yes	N/A	N/A
Carbon Dioxide	No	Yes	N/A	N/A

SECTION 16 OTHER INFORMATION

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