

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

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Date-Issued: 08/17/1999
MSDS Ref. No: 002602-01
Date-Revised: 08/17/1999
Revision No: New MSDS

SPECKOZ™ EVERCIDE® Total Release Fogger

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SPECKOZ™ EVERCIDE® Total Release Fogger
PRODUCT DESCRIPTION: Indoor Total Release Insecticide Aerosol.
PRODUCT CODE: 002602-01, EPA REG. NO.: 1021-1035

MANUFACTURER

MCLAUGHLIN GORMLEY KING COMPANY
8810 10th Ave N.
Minneapolis, MN 55427
Product Stewardship: (612) 544-0341
Customer Service: (800) 645-6466

24 HR. EMERGENCY TELEPHONE

NUMBERS
CHEMTREC U.S. and CANADA: (800) 424-9300
CHEMTREC All Other Areas: (703) 527-3887
Emergency Phone (888) 740-8712

COMMENTS:

MGK's Hours of operation are 8:00 am to 4:30 pm CST, 14:30 to 22:30 GMT.

For information regarding MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call the INTERNATIONAL POISON CENTER at 1-888-740-8712 24 hrs a day.

2. COMPOSITION / INFORMATION ON INGREDIENTS

	<u>Wt. %</u>	<u>CAS#</u>	<u>EINECS #</u>
Pyrethrins	0.05	008003-34-7	232-319-8
Piperonyl Butoxide	0.1	000051-03-6	200-076-7
MGK® 264 (N-Octyl Bicycloneptene Dicarboximide)	0.17	000113-48-4	204-029-1
Esfenvalerate	0.1	066230-04-4	Not Avail.
Deionized Water	50 - 55	007732-18-5	231-791-2
Petroleum Distillate	0 - 10	064742-47-8	265-149-8
Liquefied Petroleum Gas	35	068476-85-7	270-703-7

COMMENTS:

Ingredients not identified are proprietary or nonhazardous. Values are not product specifications.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS:

CAUTION. HIGHLY FLAMMABLE. DO NOT use near heat, open flame or any ignition source. May cause skin, eye and respiratory tract irritation. May be harmful if swallowed or absorbed through skin. Avoid contact with skin and clothing. Avoid breathing vapors. ALWAYS WEAR safety glasses and appropriate personal protective equipment when handling this product.

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POTENTIAL HEALTH EFFECTS

EYES:

Can cause temporary irritation, tearing and blurred vision.

SKIN:

Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth). Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis.

SKIN ABSORPTION:

Can be harmful if absorbed through skin.

INGESTION:

Can cause stomach irritation, resulting in nausea, cramps and vomiting. Can cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

INHALATION:

Excessive inhalation can cause nasal and respiratory irritation, nausea and nervous disorders, such as fatigue, dizziness, headaches, lack of coordination.

CHRONIC:

Not established

4. FIRST AID MEASURES

EYES:

Remove contact lenses and immediately flush eyes with large amounts of water for at least 15 minutes, while periodically lifting the upper and lower eyelids. If irritation persists, get medical attention.

SKIN:

Remove contaminated clothing and wash affected areas with large amounts of soap and water. Get medical attention. Wash clothing separately before reuse.

INGESTION:

If swallowed, call a physician or poison control center immediately. DO NOT induce vomiting due to aspiration pneumonia hazard. Never give anything by mouth to an unconscious person.

INHALATION:

Remove affected person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention immediately.

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NOTES TO PHYSICIAN:

This product poses a aspiration pneumonia hazard. Do not induce vomiting.

Contains Pyrethroids and Petroleum Distillates. For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate, (Vitamin E) acetate.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE CLASS:

This Aerosol is classified as HIGHLY FLAMMABLE.

EXTINGUISHING MEDIA

Foam, carbon dioxide or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS.

Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide and nitrogen oxides.

EXPLOSION HAZARDS:

Contents under pressure. Exposure to temperatures above 130 °F / 54.4 °C can cause bursting.

FIRE FIGHTING PROCEDURES:

Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

LARGE SPILL:

Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent such as sand or vermiculite. Clean spill area of residues and absorbent.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL:

Contains pyrethroids which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.

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7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Do not use near heat, open flame or any ignition source.

HANDLING:

Contents under pressure do not puncture or incinerate. Do not use near heat or open flame. Wear impervious gloves such as neoprene or nitrile. Wear OSHA-approved safety glasses, goggles or face shield. Avoid breathing vapor or spray mist. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not required when handling this product, but recommended in the absence of proper mechanical ventilation or if necessary to avoid breathing sprays or mists of this product. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the label.

STORAGE:

Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Exposure to temperatures at or above 130 °F / 54.4 °C may cause bursting. Keep away from heat, ignition sources and strong oxidizers. Emptied containers may retain product residues.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Pyrethrins	TWA		5		5		
Piperonyl Butoxide	TWA	None		None		None	
MGK® 264 (N-Octyl Bicycloheptene Dicarboximide)	TWA	None		None		None	
Esfenvalerate	TWA					[1]	2
Petroleum Distillate	TWA					100	525
Liquefied Petroleum Gas	TWA	1000	1800	1000	1800		

OSHA TABLE COMMENTS:

1. Skin

ENGINEERING CONTROLS:

Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

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PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE:

Wear OSHA-approved safety glasses, goggles or face shield.

SKIN:

Wear chemically impervious gloves such as Neoprene or Nitrile and protective clothing.

RESPIRATORY:

Wear a NIOSH approved organic vapor respirator in presence of sprays or mists of this product or in absence of proper mechanical ventilation.

PROTECTIVE CLOTHING:

Wear chemically impervious gloves, such as neoprene or nitrile. Wear leather shoes and long pants and long sleeve shirt.

WORK HYGIENIC PRACTICES:

DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Pressurized Liquid

pH: Not Applicable

PERCENT VOLATILE: Less than 41%

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Heavier

BOILING POINT: Not Available

FREEZING POINT: Not Available

MELTING POINT: Not Available

SOLUBILITY IN WATER: Emulsifiable in water.

SPECIFIC GRAVITY: .993 (water=1) at 20°C

VISCOSITY: Not Available

COMMENTS:

SPECIFIC GRAVITY: Specific gravity is for the aerosol contents less the compressed gas propellant.

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

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CONDITIONS TO AVOID:

Not compatible with strong acids or bases. Not compatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: >2.0 gm/kg

Albino rabbit.

ORAL LD₅₀: >5.0 gm/kg

Albino rat.

INHALATION LC₅₀: >3.03 mg / L

Rats exposed for 4 hours to test atmosphere.

EYE EFFECTS:

Produced conjunctival irritation in 5/6 albino rabbit eyes at 1 hour only. No corneal opacity or iritis was noted during the study.

SKIN EFFECTS:

Produced an average primary skin irritation score of 0.84 in albino rabbits.

SENSITIZATION:

Not considered to be a dermal sensitizer to albino guinea pigs.

COMMENTS:

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

This product contains pyrethroids which are extremely toxic to fish and other aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

EMPTY CONTAINER:

Wrap empty container in several layers of newspaper and discard empty container in trash. Do not incinerate or puncture.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Consumer Commodity
PRIMARY HAZARD CLASS/DIVISION: ORM-D

AIR (ICAO/IATA)
PROPER SHIPPING NAME: Consumer Commodity
PRIMARY HAZARD CLASS/DIVISION: 9
UN/NA NUMBER: UN8000

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Consumer Commodity
PRIMARY HAZARD CLASS/DIVISION: 9
UN/NA NUMBER: UN8000

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES:

FIRE: YES PRESSURE GENERATING: YES REACTIVITY: NO ACUTE: YES

313 REPORTABLE INGREDIENTS:

This product contains no SARA Title 313 chemicals that exceed the reporting limits.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation. (40 CFR 355).

See section 13 of this MSDS for the components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4).

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control ACT inventory reporting requirements.

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

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HMIS CODES

FIRE: 4 HEALTH: 1 REACTIVITY: 1

HMIS RATINGS NOTES:

We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he must ensure that the proper personal protective equipment is provided consistent with the information contained in sections 7 and 8 of this MSDS.

COMMENTS:

The data contained herein is based on information currently available to MGK Company, and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which MGK Company assumes legal responsibility.

MSDS Prepared by T.A. Lennan.
