

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

Page: 1 of 6
Revision Date: 9/27/99

PRODUCT CODE: 002695-01

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT CODE: 002695-01
PRODUCT NAME: SPECKOZ™ MULTICIDE® Wasp & Hornet Killer
PRODUCT DESCRIPTION: Wasp and Hornet Killer Aerosol
CHEMICAL NAME: Mixture
SYNONYMS: MGK 2695, Wasp & Hornet Killer 2695
MANUFACTURER: McLaughlin Gormley King Company, 8810 Tenth Avenue North, Minneapolis MN. 55427
TELEPHONE M-F, 8:00-4:30 CST, 14:00-22:30 GMT: (800) 645-6466 or (612) 544-0341
MSDS & Product Information, 8:00-4:30 CST, 14:00-22:30 GMT: (800) 645-6466 or (612) 544-0341

| | |
|---|--|
| 24 HOUR EMERGENCY PHONE (CHEMTREC) | CHEMTREC |
| U.S. and CANADA: (800)-424-9300 | (ALL OTHER AREAS): (703) 527-3887 |

For information regarding **MEDICAL EMERGENCIES** or **PESTICIDE INCIDENTS**, call the **INTERNATIONAL POISON Center** at:

1-888-740-8712

2. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT(s) | CAS # | EINECS | EXPOSURE LIMITS | % BY WT. |
|---|-------------|-----------|--|----------|
| NEO-PYNAMIN® (Tetramethrin) [(1-Cyclohexene-1,2-dicarboximido) methyl 2,2-dimethyl -3-(2-methylpropenyl) cyclopropanecarboxylate] | 007696-12-0 | 231-711-6 | 15 mg/m ³ (OSHA/PEL)10 mg/m ³ (ACGIH/TWA) (dust) | .200 |
| SUMITHRIN® (d-phenothrin) [3-Phenoxybenzyl-(1RS, 3RS; 1RS, 3SR)-2, 2-dimethyl-3-(2-methylprop-1-enyl) cyclopropane-carboxylate] | 026002-80-2 | 247-404-5 | Not established | .125 |
| Distillates (petroleum), hydrotreated light | 064742-47-8 | 265-149-8 | 300 ppm supplier recommended | 80-95 |

PEL = Permissible Exposure Limits.
TLV = Threshold Limit Value.

TWA = Time Weighted Average (8 hr).
STEL = Short Term Exposure Limit (15 min.).

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS: EMERGENCY OVERVIEW

HUMAN: CAUTION. **FLAMMABLE AEROSOL.** DO NOT use near heat or open flame or any ignition source. Contents under pressure. DO NOT puncture or incinerate. Exposures to temperatures above 130° F (54.4°C) may cause bursting. Avoid Contact with eyes and skin. Avoid breathing sprays and mists of this product. ALWAYS WEAR safety glasses appropriate personal protective equipment when handling this material.

EYES: CAUTION. Can cause temporary irritation, tearing and blurred vision.

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

INGESTION: CAUTION. 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.

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

CHRONIC EFFECTS: None known

24 HOUR EMERGENCY PHONE (CHEMTREC): (800)-424-9300 **(ALL OTHER AREAS):** (703) 527-3887

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

Page: 2 of 6
Revision Date: 9/27/99

PRODUCT CODE: 002695-01

SAFETY: Avoid contact with eyes and skin.
Overexposure by eye contact may initially include eye irritation with discomfort, tearing, or blurring of vision.
Overexposure by skin contact may initially include a transient (several minutes up to approximately 24 hours) persistent burning or prickling sensation which may be accompanied by visible irritation or rash.
Overexposure by ingestion may initially include nonspecific discomfort, such as nausea, vomiting, headache, or weakness; temporary nervous system effects such as muscular weakness, tremors and incoordination.
Individuals with preexisting diseases of the liver, kidneys, skin or peripheral nervous system may have increased susceptibility to the toxicity of excessive exposures.

ECOLOGICAL: See sections 12 and 15.

See TOXICOLOGICAL INFORMATION (section 11)

4. FIRST AID MEASURES

FIRST AID PROCEDURES:

- EYES:** Immediately flush with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.
- SKIN:** Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, get medical attention. Wash clothing separately before reuse.
- INHALATION:** Remove affected person to fresh air. Give oxygen, if necessary. If breathing has stopped, administer artificial respiration and seek medical attention immediately.
- 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.

NOTE TO PHYSICIANS: None

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A °F **METHOD:** Fisher Tag Closed Cup

This product is classified as a flammable aerosol.

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: not established.

UPPER FLAMMABLE LIMIT: not established.

AUTOIGNITION TEMPERATURE: not established.

HAZARDOUS COMBUSTION PRODUCTS: This aerosol is flammable and under combustion may decompose to give off toxic gases such as carbon monoxide, carbon dioxide and nitrogen oxides.

EXTINGUISHING MEDIA: Foam, carbon dioxide, or dry chemical.

FIRE FIGHTING INSTRUCTIONS: 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. Contain the run-off, if possible, for proper disposal.

24 HOUR EMERGENCY PHONE (CHEMTREC): (800)-424-9300 **(ALL OTHER AREAS):** (703) 527-3887

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

Page: 3 of 6
Revision Date: 9/27/99

PRODUCT CODE: 002695-01

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:** 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. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent
- WASTE DISPOSAL METHOD:** Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.
-

7. HANDLING AND STORAGE

- HANDLING:** Wear neoprene or nitrile gloves. Wear an OSHA-approved safety glasses, goggles or face shield. 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 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. Do not use near open heat or flame. Do not puncture or incinerate container.
- STORAGE:** Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Keep away from heat, ignition sources. Emptied containers may retain product residues. **Exposure to temperatures above 130° F may cause bursting.**
-

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- EXPOSURE LIMITS:** See Section II
- ENGINEERING CONTROLS:** Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.
- RESPIRATORY PROTECTION:** NIOSH approved organic vapor respirator in absence of proper mechanical ventilation or if necessary to avoid breathing sprays or mists of this product.
- SKIN PROTECTION:** Wear neoprene or nitrile gloves and protective clothing.
- EYE PROTECTION:** Wear an OSHA-approved safety glasses, goggles or face shield.
- 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.
-

24 HOUR EMERGENCY PHONE (CHEMTREC): (800)-424-9300 (ALL OTHER AREAS): (703) 527-3887

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

Page: 4 of 6
Revision Date: 9/27/99

PRODUCT CODE: 002695-01

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol content is a light amber liquid.
ODOR: Petroleum distillate
PHYSICAL STATE: Liquid
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not established
BOILING POINT: Not established
MELTING POINT: Not applicable
SOLUBILITY IN WATER: Not soluble in water(non-volatiles)
SPECIFIC GRAVITY: .786 (non-volatiles)
COLOR, (GARDENER): 1.0
pH: Not applicable
VISCOSITY: 8.5 cps. @ 22°C. (non-volatiles)
REFRACTIVE INDEX: 1.4371 @ 25°C (non-volatiles)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
INCOMPATIBILITY: Not compatible with strong acidic or alkaline materials. Not compatible with strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE STUDIES:

INGESTION:

Acute Oral LD₅₀ (rat) > 5.0 gm/kg

SKIN:

Acute Dermal LD₅₀ (rat) >2.0 gm/ kg
Primary skin irritation (rabbit): Primary skin irritation index = 1.11
Dermal Sensitization (guinea pig): Probably not a dermal sensitizer

INHALATION:

Acute Inhalation LC₅₀ (rat) > 5.14 mg/l

EYE:

Primary eye irritation(rabbit): Conjunctival irritation clearing in 72 hours.

SUBCHRONIC:

DERMAL IRRITATION:

21-day repeated dose (rat) Not available

ORAL TOXICITY STUDY:

13 week (rat) Not available
90-Day Feeding Study (rat)
90-Day Feeding Study (dog)
28-Day Inhalation Study (rat)

CHRONIC:

CARCINOGENICITY:

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.

24 HOUR EMERGENCY PHONE (CHEMTREC): (800)-424-9300 (ALL OTHER AREAS): (703) 527-3887

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

Page: 5 of 6
Revision Date: 9/27/99

PRODUCT CODE: 002695-01

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS This product is toxic to fish and other aquatic invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

BIODEGRADATION: Unknown
CHEMICAL DEGRADATION: Unknown

TOXIC EFFECTS ON ORGANISMS:: Unknown
FISH: LC₅₀ Not established
BIRD: LC₅₀ Not established
TOXICITY TO USEFUL INSECTS: Unknown

13. DISPOSAL CONSIDERATIONS

RCRA \ CERCLA HAZARDOUS WASTE:
INGREDIENT **RCRA ID#:** **CERCLA RQ-VALUE**
None

DISPOSAL METHOD: This product should be disposed of according to local, state and federal regulations. When disposing of waste or surplus avoid contact with eyes and skin. Wear impervious gloves/clothing and chemical safety goggles. Do not wash into drains. Do not mix with other waste materials.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION(DOT) INFORMATION:
PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: ORM-D
IDENTIFICATION NUMBER(UN or NA):
PACKING GROUP:

INTERNATIONAL TRANSPORTATION REGULATIONS:
ICAO / IATA DESCRIPTION: Consumer Commodity, 9, UN8000
IMO DESCRIPTION (IMDG CODE): Consumer Commodity, 9, UN8000

24 HOUR EMERGENCY PHONE (CHEMTREC): (800)-424-9300 **(ALL OTHER AREAS):** (703) 527-3887

MATERIAL SAFETY DATA SHEET

SPECKOZ, INC.

Page: 6 of 6
Revision Date: 9/27/99

PRODUCT CODE: 002695-01

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA TITLE III:

SECTION 302: Not listed

SECTION 313: This product contains the following toxic chemicals of the subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

| CAS#: | CHEMICAL NAME: | % BY WEIGHT: |
|-------------|--|--------------|
| 026002-80-2 | SUMITHRIN® (d-phenothrin) [3-Phenoxybenzyl-(1RS, 3RS; 1RS, 3SR)-2, 2-dimethyl-3-(2-methylprop-1-enyl) cyclopropane-carboxylate] | .125 |
| 007696-12-0 | NEO-PYNAMIN® (Tetramethrin) [(1-Cyclohexene-1,2-dicarboximido) methyl 2,2-dimethyl -3-(2-methylpropenyl) cyclopropanecarboxylate] | .200 |

STATE REGULATIONS:

VOLATILE ORGANIC COMPOUNDS (VOC): This Product contains no more than 1.5% VOCs.

16. OTHER INFORMATION

HMIS RATINGS:

We assign HMIS health and flammability ratings to this product based on the hazards of its ingredient(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 information contained in sections 7 and 8 of this MSDS.

HMIS RATINGS:

| | |
|--------------|---|
| Health | 1 |
| Flammability | 2 |
| Reactivity | 1 |

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.

Material Safety Data Sheet prepared by T.A. Lennan

24 HOUR EMERGENCY PHONE (CHEMTREC): (800)-424-9300 **(ALL OTHER AREAS):** (703) 527-3887