



MATERIAL SAFETY DATA SHEET

Date-Issued: 12/21/1999

MSDS Ref. No: 002424

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SENTRYHOME Household Flea & Tick Spray

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SENTRYHOME Household Flea & Tick Spray

PRODUCT DESCRIPTION: Flea Spray with Insect Growth Regulator for Carpets and Furniture.

PRODUCT CODE: 02424, EPA REG. NO. : 1021-1622-2517

DISTRIBUTOR

Sergeant's Pet Care Products, Inc.
2625 South 158th Plaza
Omaha, NE 68135

Customer Service: (800) 224-7387

24 HR. EMERGENCY TELEPHONE NUMBERS

MANUFACTURER

McLaughlin Gormley King Co.®
 8810 10th Ave. N
 Minneapolis, MN 55427
 PRODUCT CODE: 002618

CHEMTREC U.S. and CANADA: (800) 424-9300

CHEMTREC All Other Areas: (703) 527-3887

Emergency Phone: (800) 781-4738

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS #</u>
NEO-PYNAMIN® (Tetramethrin)	0.4	007696-12-0	231-711-6
SUMITHRIN® (d-Phenothrin)	0.3	026002-80-2	247-404-5
NYLAR® (Pyriproxyfen)	0.015	095737-68-1	Not Avail.
Petroleum Distillates	<7	064742-47-8	265-149-8
Liquefied Petroleum Gas	10 - 20	068476-85-7	270-703-7

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION. Contents under pressure. Keep away from heat, sparks, and open flame. Do not expose to temperatures above 130°F (54.4°C) as bursting may occur. Harmful if in eyes or absorbed through the skin. Take prudent precautions to avoid contact with skin, eyes, and clothing. Avoid breathing vapors or spray mists of this product.

DO NOT puncture or incinerate container.

POTENTIAL HEALTH EFFECTS

EYES: Harmful to eyes.

SKIN: Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

SKIN ABSORPTION: Harmful if absorbed through the skin.

INGESTION: May be harmful if swallowed.

INHALATION: Excessive inhalation of mists can cause nasal and respiratory irritation.

CHRONIC: None known.

4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

INHALATION: Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIAN: For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: This aerosol is NOT classified as FLAMMABLE by the flame extension test method described in 16 CFR 1500.45.

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 may 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: 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 such as sand, or vermiculite. 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, storage tanks, 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/provincial and federal/national regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not use near heat, open flame, or any other ignition source.

HANDLING: Contents under pressure - DO NOT puncture or incinerate container. Do not use near heat, sparks,

open flame, or any other ignition sources. Take prudent precautions to avoid contact with skin, eyes, and clothing. Avoid breathing vapors or spray mists of this product. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not normally required when handling this product, but recommended in the absence of proper mechanical ventilation. Do not contaminate water, food or feedstuffs 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. **DO NOT** puncture or incinerate container.

KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
NEO-PYNAMIN® (Tetramethrin)	TWA	15	10			None
SUMITHRIN® (d-Phenothrin)	TWA	None	None			None
NYLAR® (Pyriproxyfen)	TWA	None	None			None
Petroleum Distillates	TWA	NONE	NONE			100 525
Liquefied Petroleum Gas	TWA	1000 1800	1000 1800			

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

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Take prudent precautions to avoid contact with eyes.

SKIN: Take prudent precautions to avoid contact with skin and clothing.

RESPIRATORY: Wearing a respirator is not normally required when handling this product. Use in well ventilated areas. Take prudent precautions to avoid breathing vapors and/ or spray mists of this product.

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, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquefied gases and liquid.

ODOR: Odor of Petroleum Distillates.

APPEARANCE: Milky opaque white liquid.

pH: 7pH measurement is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Heavier than air.

BOILING POINT: Not Available

FREEZING POINT: Not Available

MELTING POINT: Not Available

SOLUBILITY IN WATER: Partially miscible in water.

EVAPORATION RATE: Not Available

DENSITY: Not Available

SPECIFIC GRAVITY: 0.968 (Water = 1) Hydrometer @ 20°C (68°F)

VISCOSITY: 3620CPS at 23°C (73.4°F) Brookfield on Non-Volatiles

MOLECULAR WEIGHT: Not Available

(VOC): <23 %

COMMENTS:

WATER SOLUBILITY: Water Solubility analysis is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

SPECIFIC GRAVITY: Specific Gravity is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

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: >5.41 mg / L

Rats exposed for 4 hours to test atmosphere.

EYE EFFECTS: Irritation clearing in 24 hours.

SKIN EFFECTS: Slight irritation at 72 hours. Produced a primary skin Irritation Index of 0.71 in albino rabbits.

SENSITIZATION: Negative; 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

ENVIRONMENTAL DATA: Environmental data not available for this product.

ECOTOXICOLOGICAL INFORMATION: This pesticide is toxic to fish, birds, and other wildlife. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

IF EMPTY:

Do not reuse this container. Place in trash or offer for recycling if available.

IF PARTIALLY FILLED:

Call your local solid waste agency or 1-800-CLEAN-UP for disposal instructions. Never place unused product down any indoor or outdoor drain.

RCRA/EPA WASTE INFORMATION: None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

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: Not Available

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

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

313 REPORTABLE INGREDIENTS: This product contains no SARA Title III Section 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).

There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

STATE REGULATIONS

VOLATILE ORGANIC COMPOUNDS (VOC):

This product contains less than 23% VOC's.

16. OTHER INFORMATION

REVISION SUMMARY This MSDS replaces the October 17, 2003 MSDS. Any changes in information are as follows: In Section 3 Chronic Effects Potential Health Effects - Eyes Potential Health Effects - Skin Potential Health Effects - Skin Absorption Potential Health Effects - Inhalation Potential Health Effects - Ingestion In Section 5 Combustion Products Explosion Hazards In Section 6 Small Spill Large Spill In Section 7 Handling In Section 8 Respiratory Protection In Section 9 (Group Field) for pH (pH) (From) (pH) (Group Field) for Melting Point (Group Field) for Water Solubility (Group Field) for Density Specific Gravity (From) Specific Gravity Method Specific Gravity °F Specific Gravity °C (Group Field) for Evaporation Rate Viscosity (From) Viscosity °F Viscosity °C (Group Field) for Molecular In Section 11 Eye Effects Skin Effects Section 11

Footnotes In Section 12 Environmental Data Ecotoxicological Information In Section 14 DOT UN/NA Number
 AIR Primary Hazard Class/Division In Section 15 Fire Regulations: State

HMIS RATING

HEALTH:	1
FLAMMABILITY:	4
PHYSICAL HAZARD:	1
PERSONAL PROTECTION:	

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 or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 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.