



MATERIAL SAFETY DATA SHEET

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KILL ZONE INDOOR AND OUTDOOR INSECT KILLER

1. Product And Company Identification

Supplier

Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Laura E. Radevski
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Manufacturer

Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Laura E. Radevski
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Supplier Emergency Contacts & Phone Number

Chem-Tel: 1-800-255-3924

Manufacturer Emergency Contacts & Phone Number

Chem-Tel: 1-800-255-3924

Issue Date: 11/19/2010

Product Name: KILL ZONE INDOOR AND OUTDOOR INSECT KILLER

Chemical Name: 7-8110

EPA Registry Number: 498-183

MSDS Number: 4795

Product Code: 419-2178

Product/Material Uses - Insecticide/Flying and crawling Insect Killer

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
BUTANE	106-97-8	
PERMETHRIN	52645-53-1	0.15
PETROLEUM DISTILLATE	64742-47-8	
PIPERONYL BUTOXIDE	51-03-6	0.75
PROPANE	74-98-6	
TETRAMETHRIN	7696-12-0	0.15

The ingredients listed on this section are only the hazardous components of the product.

3. Hazards Identification

Primary Routes(s) Of Entry - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation.

Eye Hazards - Contact with eyes can cause irritation.

Skin Hazards - Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Ingestion Hazards - This is an aerosol product, ingestion is unlikely to occur. Harmful if swallowed.

Inhalation Hazards - Prolonged inhalation of vapor or spray mist may cause respiratory irritation, headaches, nausea and dizziness.

Chronic/Carcinogenicity Effects - May cause adverse effects to the liver and lungs. None of the ingredients, present in excess of 0.1%, are listed as carcinogenic by NTP, IARC or OSHA.

Teratogenicity (Birth Defects) - Not known

Reproductive Effects - Not known

Neurotoxicity - Not known

Mutagenicity (Genetic Effect) - Not known

Signs And Symptoms - Acute: Prolonged inhalation of vapor or spray mist may cause respiratory irritation, headaches, nausea and dizziness. Irritating to the eyes on contact. Prolonged contact with the skin may cause allergic

KILL ZONE INDOOR AND OUTDOOR INSECT KILLER

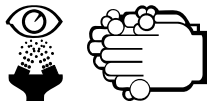
3. Hazards Identification - Continued

reactions in some individuals.

Conditions Aggravated By Exposure - May aggravate pre-existing skin, liver, lung and respiratory disorders.

Conditions Aggravated By Overexposure - May aggravate pre-existing skin, liver, lung and respiratory disorders.

First Aid (Pictograms)



4. First Aid Measures

Eye - 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 - Ingestion from an aerosol product is unlikely to occur. If accidentally ingested, do not induce vomiting, call a physician immediately.

Inhalation - If overcome by vapor move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. Fire Fighting Measures

Flash Point: Not available °F Not available °C

Flash Point Method: Not available

Lower Explosive Limit: Not available

Upper Explosive Limit: Not available

Fire And Explosion Hazards - This product is an aerosol product for which **Flame Projection is 0 in.** Temperatures above 120 F may cause cans to burst.

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

Fire Fighting Instructions - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

7. Handling And Storage

Handling And Storage Precautions - Store in a cool, dry place away from heat and open flame.

Handling Precautions - Avoid getting spray into eyes. Avoid prolonged contact with skin. Do not deliberately inhale vapor or spray mist. Keep out of reach of children.

Storage Precautions - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container closed when not in use. **AEROSOL STORAGE LEVEL I (NFPA-30B)**

Work/Hygienic Practices - Wash hands thoroughly, with soap and water, after using this product and before smoking or eating.

Protective Clothing (Pictograms)



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8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general or local exhaust ventilation.
Eye/Face Protection - Conventional eyeglasses to guard against splashing.
Skin Protection - Vinyl or neoprene gloves.
Respiratory Protection - Use in a well-ventilated area only. Follow label directions carefully.

Ingredient(s) - Exposure Limits

BUTANE
 ACGIH TLV-TWA 1000 ppm
 PETROLEUM DISTILLATE
 TWA 1200mg/m³ (Recommended by the manufacturer)
 PROPANE
 ACGIH TLV-TWA 2500 ppm ; OSHA PEL-TWA 1,000 ppm

9. Physical And Chemical Properties

Appearance - Creamy, white emulsion.
Odor - Insecticidal and solvent odor.
Chemical Type: Mixture
Physical State: Liquid
Melting Point: Not applicable °F Not applicable °C
Boiling Point: Water 212 °F Water 100 °C
Specific Gravity: 0.970 concentrate
Percent VOCs: 14.50
pH Factor: 7.6
Solubility: Partial
Evaporation Rate: Faster than butyl acetate

10. Stability And Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions To Avoid (Stability) - Temperatures above 120 F
Incompatible Materials - Avoid heat, open flame and contact with strong oxidizing materials.
Hazardous Decomposition Products - Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.
Conditions To Avoid (Polymerization) - Temperatures above 120 F

11. Toxicological Information

Acute Studies - LD50 >500 mg/kg but <5000 mg/kg

12. Ecological Information

Ecotoxicological Information - This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water by disposal of wastes.
Acute Toxicity - Fish And Invertebrates - This product is extremely toxic to fish. Do not apply directly to water.

13. Disposal Considerations

Do not puncture or incinerate container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

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14. Transport Information

Proper Shipping Name - ORM-D Consumer Commodity

Hazard Class

2.1

DOT Identification Number

UN1950

DOT Shipping Label

Aerosol Consumer Commodity

15. Regulatory Information

U.S. Regulatory Information - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard

SARA Section 313 Notification - This product contains the following toxic chemicals 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. This information must be included in all MSDSs that are copied and distributed for this material. Permethrin, Piperonyl Butoxide and Tetramethrin. See Section 2 for % amounts in the product.

Ingredient(s) - U.S. Regulatory Information

PERMETHRIN

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

PIPERONYL BUTOXIDE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

TETRAMETHRIN

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

Ingredient(s) - State Regulations

BUTANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

PERMETHRIN

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; Massachusetts - Hazardous Substance

PIPERONYL BUTOXIDE

New Jersey - Environmental Hazard

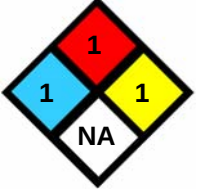
PROPANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

TETRAMETHRIN

New Jersey - Environmental Hazard

KILL ZONE INDOOR AND OUTDOOR INSECT KILLER

NFPA	HMIS
	HEALTH 1
	FLAMMABILITY 2
	REACTIVITY 1
	PERSONAL PROTECTION B

16. Other Information

Revision/Preparer Information

MSDS Preparer: Laura E. Radevski

MSDS Preparer Phone Number: 708-865-1000

Disclaimer

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Chase Products Co.