



MATERIAL SAFETY DATA SHEET

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KILL ZONE ANT & ROACH KILLER FORMULA 3 (18 oz)

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: 08/13/2013 Product Name: KILL ZONE ANT & ROACH KILLER FORMULA 3 (18 oz) Chemical Name: 7-7864-1 CAS Number: Not Established EPA Registry Number: 498-191 MSDS Number: 5395 Product Code: 419-2175-4 Product/Material Uses - Ant/Roach Killer Insecticide			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
BUTANE		106-97-8	
ESFENVALERATE		66230-04-4	0.05
LIGHT AROMATIC NAPHTHA		64742-95-6	
PETROLEUM DISTILLATE		64742-47-8	
PROPANE		74-98-6	
Hazardous components, according to OSHA, are listed when present at 1.0% or greater.			
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 contact with skin can cause irritation and reddening. Harmful if absorbed through skin. 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 - Not known chronic effects based on available data. None of the ingredients on this product at concentrations equal or greater than 0.1% are listed as carcinogenic by NTP, IARC, OSHA or ACGIH. 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 can cause irritation			

KILL ZONE ANT & ROACH KILLER FORMULA 3 (18 oz)

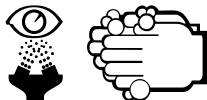
3. Hazards Identification - Continued

and reddening.

Conditions Aggravated By Exposure - May aggravate pre-existing skin, liver, kidneys and peripheral nervous system disorders.

Conditions Aggravated By Overexposure - Pre-existing skin, liver, kidneys and peripheral nervous system 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 - Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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. 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 thoroughly with soap and water after using this product.

KILL ZONE ANT & ROACH KILLER FORMULA 3 (18 oz)

7. Handling And Storage - Continued

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general and local exhaust ventilation.

Eye/Face Protection - Conventional eyeglasses to guard against splashing.

Skin Protection - Household type gloves.

Respiratory Protection - Use in a well-ventilated area only. Follow label directions carefully.

Ingredient(s) - Exposure Limits

BUTANE

ACGIH TLV-TWA 800 ppm

ESFENVALERATE

2 mg/m³ (TWA,skin) (Recommended by the manufacturer)

LIGHT AROMATIC NAPHTHA

50PPM Recommended by the manufacturer.

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 - White emulsion.

Odor - Insecticidal

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 Volatiles: Not available

Percent VOCs: 14.68

Solubility: Soluble

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, carbon dioxide and hydrogen cyanide (from active ingredients).

Conditions To Avoid (Polymerization) - Temperatures above 120 F

11. Toxicological Information

No Data Available...

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12. Ecological Information

Ecotoxicological Information - No specific ecological data is available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

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.

14. Transport Information

Proper Shipping Name - Limited Quantity - Insecticide

Hazard Class

2.1

DOT Identification Number

UN1950

DOT Shipping Label

Aerosol Consumer Commodity

15. Regulatory Information

U.S. Regulatory Information - This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

CAUTION

Causes moderate eye irritation. Harmful if swallowed or absorbed through skin.

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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 does not contain any toxic chemicals (above the de minimis level) 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.

Ingredient(s) - State Regulations

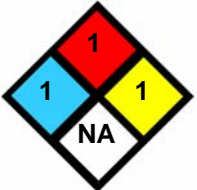
PROPANE

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

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NFPA 	HMIS <table border="1"><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>2</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	1	PERSONAL PROTECTION	B
HEALTH	1								
FLAMMABILITY	2								
REACTIVITY	1								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

MSDS Preparer: Regulatory Department

MSDS Preparer Phone Number: 708-865-10000

This MSDS Supersedes A Previous MSDS Dated: 10/29/2012

Disclaimer

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Chase Products Co.