

# RAID COMMERCIAL INSECT KILLER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	1
	Health			1	Fire Hazard
				Reactivity	0
Protective Clothing		None required.		Emergency Overview	Opaque Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. May be mildly irritating to eyes.

## Section 1. Chemical Product and Company Identification

Product Name	RAID COMMERCIAL INSECT KILLER	Code	94891
Product Use	Industrial/Institutional: Insecticide.	PMS#	433275
MSDS#	126146001	Validation Date	04/19/2000
U.S. Headquarters Drackett Professional A Division of S.C. Johnson Commercial Markets, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249		Print Date	04/20/2000
		Supersedes	04/13/2000.
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Pyrethrum	121-21-1	<0.5	Not available.	ORAL (LD50): Acute: 260 mg/kg [Rat].
Isoparaffinic Hydrocarbon Solvent	64742-47-8	0.5-1.5	Not available.	Not available.
Piperonyl butoxide	51-03-6	1-5	Not available.	ORAL (LD50): Acute: 6150 mg/kg [Rat]. DERMAL (LD50): Acute: 200 mg/kg [Rabbit].
Isobutane	75-28-5	7-13	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hours [Rat].
Butane	106-97-8	7-13	TWA: 1900 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 1900 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
Propane	74-98-6	7-13	TWA: 1800 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 4508 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
Water	7732-18-5	60-100	Not available.	Not Applicable.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact. Ingestion.
Potential Acute Health Effects	
<i>Eyes</i>	May be mildly irritating to eyes.
<i>Skin</i>	Prolonged or repeated contact may dry skin and cause irritation.
<i>Inhalation</i>	May be irritating to nose, throat, and respiratory tract.
<i>Ingestion</i>	None known.
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
Aggravated by Overexposure:	
See Toxicological Information (section 11)	

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**Section 4. First Aid Measures**

Eye Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Rinse with plenty of running water.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink plenty of water. Seek medical attention.

**Section 5. Fire Fighting Measures**

Flammability of the Product	NFPA 30B Level 1 Aerosol.
Flash Points	CLOSED CUP: <-7°C (19.4°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	Aerosol product - Containers may rocket or explode in heat of fire.

**Section 6. Accidental Release Measures**

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

Handling	Avoid contact with eyes, skin, and clothing. Use appropriate hygiene measures when handling product. Keep away from food, foodstuffs and domestic water supplies. Wash thoroughly after handling. Do not puncture or incinerate. FOR INDUSTRIAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Pressurized container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	No special protective clothing is required.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special protective clothing is required.
<i>Feet</i>	No special protective clothing is required.
<i>Body</i>	No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid. (Aerosol.)
Odor	Characteristic.
Color	Opaque
pH	Not available.
Solubility in water	Dispersible.

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**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	ORAL (LD50) Greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can.
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**Section 14. Transport Information**

## DOT Classification

DOT Proper Shipping Name	Aerosols
DOT Class	CLASS 2.1: Flammable gas.
UN/NA	UN1950
DOT Special Considerations	Limited Quantity

## TDG Classification

TDG Class	Not applicable.
PIN/NIP	
TDG Special Considerations	

**Section 15. Regulatory Information****Reporting in this section is based on ingredients disclosed in Section 2**

## US Regulations

**Federal** SARA 313 toxic chemical notification and release reporting: Piperonyl butoxide  
Clean Water Act (CWA) 311: Pyrethrum  
Clean air act (CAA) 112 accidental release prevention: Butane  
Clean air act (CAA) 112 regulated flammable substances: Isobutane, Propane, Butane  
CERCLA: Hazardous substances.: Piperonyl butoxide, Pyrethrum, Isobutane, Propane

**State** New Jersey spill list: Piperonyl butoxide, Pyrethrum  
New Jersey: Piperonyl butoxide, Pyrethrum, Isobutane, Propane, Butane  
Massachusetts spill list: Pyrethrum, Isobutane, Propane, Butane  
Massachusetts RTK: Pyrethrum, Isobutane, Propane, Butane  
Pennsylvania RTK: Piperonyl butoxide, Pyrethrum, Isobutane, Propane, Butane  
This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** EPA Registration Number: 4822-36-70627 or 4822-36

## Canadian Regulations

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**RAID COMMERCIAL INSECT KILLER****WHMIS Classification** Not applicable.**WHMIS Icon****Registered Product Information** Not applicable.**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.**Section 16. Other Information****Other Special Considerations** Remove or cover terrariums, aquariums and animal cages before application. Turn off aquarium air-filter while spraying.**Version** 1**Notice to Reader**

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