RAID COMMERCIAL FLYING INSECT KILLER

National Fire Protection Association (NFPA)

Hazardous Material Information System (HMIS)

Health	1
Fire Hazard	4
Reactivity	0

Protective Clothing None required.

Emergency Overview Opaque Aerosol. See Section 9.
CAUTION: CONTENTS UNDER PRESSURE. HARMFUL IF ABSORBED THROUGH SKIN. May be mildly irritating to eyes.

Section 1. Chemical Product and Company Identification

Product Name	RAID COMMERCIAL FLYING INSECT KILLER	**Code**	94892
Product Use	Industrial/Institutional: Insecticide.	**PMS#**	3135189
MSDS#	126147001	**Validation Date**	5/21/2003
		Print Date	5/21/2003
		Supersedes	No Previous Validation
		In Case of Emergency	(800) 851-7145

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

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Tetramethrin	7696-12-0	0.72	Not available.	ORAL (LD50): Acute: 4640 mg/kg [Rat]. DUST (LC50): Acute: >2500 mg/m^3 3 hours [Rat].
Piperonyl butoxide	51-03-6	1.6	Not available.	ORAL (LD50): Acute: 6150 mg/kg [Rat]. DERMAL (LD50): Acute: 200 mg/kg [Rabbit].
Propane	74-98-6	5-10	TWA: 1800 (mg/m^3) from OSHA (PEL) [United States] TWA: 4508 (mg/m^3) from ACGIH (TLV) [United States]	Not available.
Isobutane	75-28-5	5-10	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hours [Rat].
Butane	106-97-8	7-13	TWA: 1900 (mg/m^3) from OSHA (PEL) [United States] TWA: 1900 (mg/m^3) from ACGIH (TLV) [United States]	Not available.
Isoparaffinic Hydrocarbon Solvent	64742-48-9	7-13	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry Inhalation. Skin contact. Eye contact. Ingestion.

Potential Acute Health Effects

Eyes May be mildly irritating to eyes.

Skin Prolonged or repeated contact may dry skin and cause irritation.

Inhalation May be irritating to nose, throat, and respiratory tract.

Ingestion None known.

Medical Conditions Aggravated by Overexposure: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

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. Wash thoroughly after handling. Keep away from food, foodstuffs and domestic water supplies. Avoid breathing vapors or spray mists. Use only in well-ventilated areas. 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	
Eyes	No special requirements under normal use conditions.
Hands	No special requirements under normal use conditions.
Respiratory	No special requirements under normal use conditions.
Feet	No special requirements under normal use conditions.
Body	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	No special precautions. Dispose of according to all federal, state and local regulations.

Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Classification

TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

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 air act (CAA) 112 accidental release prevention: Butane
Clean air act (CAA) 112 regulated flammable substances: Isobutane, Propane, Butane
CERCLA: Hazardous substances.: Piperonyl butoxide, Isobutane, Propane

State New Jersey spill list: Piperonyl butoxide
New Jersey: Piperonyl butoxide, Isobutane, Propane, Butane
Massachusetts spill list: Isobutane, Propane, Butane
Massachusetts RTK: Isobutane, Propane, Butane
Pennsylvania RTK: Piperonyl butoxide, Isobutane, Propane, Butane

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information EPA Registration Number: 4822-85-70627

Canadian Regulations

WHMIS Classification Not applicable.

WHMIS Icon

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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	1.01

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