

JWP BRAND CONTACT INSECTICIDE FLYING INSECT KILLER

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity Specific Hazard 	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>1</td></tr><tr><td>Fire Hazard</td><td>4</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	1	Fire Hazard	4	Reactivity	0
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 HARMFUL IF SWALLOWED. May be mildly irritating to eyes.							

Section 1. Chemical Product and Company Identification

Product Name JWP BRAND CONTACT INSECTICIDE FLYING INSECT KILLER		Code 5057
Product Use Industrial/Institutional: Insecticide.		PMS# 434677
MSDS# 126779001		Validation Date 11/8/2000
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date 11/8/2000
		Supersedes 4/19/2000.
		<u>In Case of Emergency</u> (800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Pyrethrins	8003-34-7	0.25	TWA: 5 mg/m ³ from OSHA (United States). TWA: 5 mg/m ³ from ACGIH (United States).	ORAL (LD50): Acute: 200 mg/kg [Rat]. DERMAL (LD50): Acute: 1350 mg/kg [Rabbit].
d-Trans Allethrin N-octyl bicycloheptene dicarboximide	28057-48-9 113-48-4	0.25 1.0	Not available. Not available.	Not available. ORAL (LD50): Acute: 2800 mg/kg [Rat]. DERMAL (LD50): Acute: 470 mg/kg [Rabbit]. ORAL (LD50): Acute: 6150 mg/kg [Rat]. 2600 mg/kg [Mouse]. 11500 mg/kg [Rat]. DERMAL (LD50): Acute: 200 mg/kg [Rabbit].
Piperonyl butoxide	51-03-6	1.0	Not available.	ORAL (LD50): Acute: 5800 mg/kg [Rat]. 3000 mg/kg [Mouse]. 5340 mg/kg [Rabbit]. DERMAL (LD50): Acute: 9400 mg/kg [Guinea pig]. VAPOR (LC50): Acute: 50100 mg/m ³ 8 hours [Rat]. 44000 mg/m ³ 4 hours [Mouse].
Acetone	67-64-1	10-30	TWA: 1188 mg/m ³ from ACGIH (United States). STEL: 1782 mg/m ³ from ACGIH (United States).	Not available.
Dimethyl Ether	115-10-6	30-60	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
Eyes	May be mildly irritating to eyes.
Skin	Prolonged or repeated skin contact may be mildly irritating to skin.
Inhalation	Over-exposure by inhalation may cause respiratory irritation.
Ingestion	Aspiration during ingestion or vomiting can result in serious lung damage.
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)	

Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation	If breathing is difficult: Remove to fresh air.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	NFPA 30B Level 1 Aerosol.
Flash Points	< 7°C (20°F) (propellant).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide. Fight fire from protected location or maximum possible distance. In case of fire and/or explosion do not breathe fumes.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
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	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mists. Keep away from food, foodstuffs and domestic water supplies. Do not puncture or incinerate. Wash thoroughly after handling. Remove pets, birds and cover fish aquariums before treatment. Ventilate enclosed areas before returning. 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	6.5 to 7.5 [Neutral.]
Specific Gravity	0.95
Solubility in water	Slight

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	None known.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be between 2500 and 5000 mg/kg (rat). DERMAL (LD50) Estimated to be greater than 2000 mg/kg. INHALATION (LC50) Greater than 6.33 mg/l.
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

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.
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Section 14. Transport Information

DOT Classification	
DOT Proper Shipping Name	Consumer Commodity
DOT Class	ORM-D
TDG Classification	
Not regulated	

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal	SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Acetone SARA 313 toxic chemical notification and release reporting: Piperonyl butoxide Clean air act (CAA) 112 accidental release prevention: Dimethyl Ether, Acetone Clean air act (CAA) 112 regulated flammable substances: Dimethyl Ether CERCLA: Hazardous substances.: Acetone
State	New Jersey: Dimethyl Ether, Piperonyl butoxide, Acetone Massachusetts spill list: Dimethyl Ether Massachusetts RTK: Dimethyl Ether, Acetone Pennsylvania RTK: Dimethyl Ether, Acetone

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

Registered Product Information EPA Registration Number: 499-310-70627

Canadian Regulations

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 MSDS Serial Range: 001-002.

Version 1.01

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