

JWP BRAND FLEA KILLER IGR AND ADULTICIDE

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity Specific Hazard 4 1 0	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	Colorless. Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. MAY BE HARMFUL IF INHALED, ABSORBED THROUGH SKIN OR SWALLOWED.						

Section 1. Chemical Product and Company Identification

Product Name	JWP BRAND FLEA KILLER IGR AND ADULTICIDE	Code	5076
Product Use	Industrial/Institutional: Insecticide.	PMS#	434717
MSDS#	126787001	Validation Date	04/19/2000
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	04/20/2000
		Supersedes	04/12/2000.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Pyriproxyfen	95737-68-1	0.10	Not available.	ORAL (LD50): Acute: >5000 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rat].
Pyrethrins	8003-34-7	0.05	TWA: 5 (mg/m ³) from OSHA (PEL) [United States] TWA: 5 (mg/m ³) from ACGIH (TLV) [United States]	
N-octyl bicycloheptene dicarboximide	113-48-4	0.40	Not available.	ORAL (LD50): Acute: 2800 mg/kg [Rat]. DERMAL (LD50): Acute: 470 mg/kg [Rabbit].
Permethrin	52645-53-1	0.435	Not available.	
Petroleum Distillates	64742-47-8	3-7	Not available.	ORAL (LD50): Acute: 383 mg/kg [Rat]. 424 mg/kg [Mouse]. DERMAL (LD50): Acute: 1750 mg/kg [Rat]. >10000 mg/kg [Mouse].
Hydrocarbon Propellant Blend	68476-86-8	10-30	1000 ppm ACGIH/OSHA TWA	
Water	7732-18-5	60-100	Not available.	
				Not applicable.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<i>Eyes</i> May be moderately irritating to eyes. <i>Skin</i> May be moderately irritating to skin. <i>Inhalation</i> May be irritating to nose, throat, and respiratory tract. <i>Ingestion</i> May be harmful if swallowed.
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may
Aggravated by Overexposure:	be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Immediately get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product	NFPA 30B Level 1 Aerosol.
Flash Points	< 7°C (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. Material may burn 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. Remove pets, birds and cover fish aquariums before treatment. 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 protective clothing is required.
<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	Solvent.
Color	Colorless.
pH	7.1 [Neutral.]
Specific Gravity	0.96
Solubility in water	Dispersible.

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 greater than 5000 mg/kg (rat). DERMAL (LD50) Estimated to be greater than 2000 mg/kg. INHALATION (LC50) Greater than 5.12 mg/l.
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.
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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

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

Registered Product Information EPA Registration Number: 499-404-70627

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 Not available.

Version 1

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