

MATERIAL SAFETY DATA SHEET

WORKING COPY

Date Issued: 10/04/2007
MSDS No: 350000003864
Revision No: New MSDS

RAID® YARD GUARD™ OUTDOOR FOGGER FORMULA VII

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RAID® YARD GUARD™ OUTDOOR FOGGER FORMULA VII
GENERAL USE: Household: Insecticide

MANUFACTURER:

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

24 Hr. Medical & Transport Emergency

Phone: (866) 231-5406

24 Hr. International Medical Emergency

Phone: (952) 852-4647

CANADIAN ADDRESS:

S.C. Johnson and Son, Limited
1 Webster Street
Brantford, Ontario N3T 5R1

24 Hr. Canadian Transport Emergency:

CANUTEC (Canadian Transportation):(613) 996 - 6666

REGISTRATION INFORMATION: EPA Reg. No. 4822-394

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE/ODOR: Opaque spray mist. Solvent odor.

IMMEDIATE CONCERNS: CAUTION: CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Do not use near open fire, flames or heat. Do not store at temperatures above 120 °F (50 °C). Keep out of reach of children. Harmful if inhaled. Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapors.

POTENTIAL HEALTH EFFECTS

EYES: May cause: Mild eye irritation.

SKIN: May cause: Mild skin irritation.

INGESTION: May be harmful if swallowed.

INHALATION: High concentrations may lead to central nervous system effects such as drowsiness, dizziness, headaches and/or nausea.

MEDICAL CONDITIONS AGGRAVATED: None known.

ROUTES OF ENTRY: Eye contact. Skin contact. Inhalation. Ingestion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt. %	CAS	EINECS
D-cis, trans allethrin	0.143	000584-79-2	
Permethrin	0.225	052645-53-1	- -
Sodium Nitrite	< 1	007632-00-0	- -
Distillates, Petroleum, Hydrotreated Light	1 - 5	064742-47-8	265-149-8
Propane	5 - 10	000074-98-6	- -
Isobutane	5 - 10	000075-28-5	- -
Butane	10 - 20	000106-97-8	
Water	70 - 80	007732-18-5	

4. FIRST AID MEASURES

EYES: Flush immediately with plenty of water for at least 15 to 20 minutes. If irritation develops, get medical attention.

SKIN: Flush immediately with plenty of water for at least 15 to 20 minutes. If irritation persists, get medical attention.

INGESTION: Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Do not administer anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION: Remove to fresh air. If breathing is affected, get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: < -7°C (20°F) (TCC) (propellant)

FLAMMABLE LIMITS:

Notes: Not Available

AUTOIGNITION TEMPERATURE: Not Applicable

FLAMMABLE CLASS: NFPA 30B Level 1 Aerosol.

EXTINGUISHING MEDIA: Foam. CO2. Dry chemical. Water fog.

EXPLOSION HAZARDS: Aerosol product - Containers may rocket or explode in heat of fire.

FIRE FIGHTING PROCEDURES: Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire, produces normal products of combustion.

6. ACCIDENTAL RELEASE MEASURES

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GENERAL PROCEDURES: Eliminate all ignition sources. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life. Contains pesticides.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use only as directed. Observe good personal hygiene practices.

HANDLING: Do not puncture or incinerate. Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Keep out of reach of children and pets. Wash thoroughly after handling. Avoid contact with food and food utensils.

STORAGE: Store in a cool, dry place with adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OCCUPATIONAL EXPOSURE LIMITS					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Propane	TWA	1000 ppm	1800 mg/m ³	1000 ppm	

ENGINEERING CONTROLS: General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: No special requirements under normal use conditions.

SKIN: No special requirements under normal use conditions. If prolonged or repeated contact is possible, wear suitable gloves.

RESPIRATORY: If ventilation is adequate, respiratory protection not required.

OTHER USE PRECAUTIONS: If major exposure is possible to eyes/skin, wear/use appropriate protective equipment.

COMMENTS: ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients except as noted in the table above.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Dispensed as a spray mist.

ODOR: Mild

COLOR: Opaque, White

pH: Not Available

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PERCENT VOLATILE: > 95%

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Available

FREEZING POINT: Not Available

FLASHPOINT AND METHOD: < -7°C (20°F) (TCC) (propellant)

SOLUBILITY IN WATER: Appreciable

SPECIFIC GRAVITY: 0.830

10. STABILITY AND REACTIVITY

STABILITY: Stable

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Sources of ignition (sparks, flame). Excessive heat.

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire: Produces normal products of combustion.

INCOMPATIBLE MATERIALS: Strong oxidizing materials (e.g. liquid chlorine).

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀:

Notes: Estimated to be > 5000 mg/kg (rabbit)

ORAL LD₅₀: > 5000 mg/kg (rat)

INHALATION LC₅₀: > 1.3 mg/L (rat)

CHRONIC: None known.

CARCINOGENICITY

Notes: None known.

SENSITIZATION: None known.

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: None known.

MUTAGENICITY: None known.

12. ECOLOGICAL INFORMATION

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ENVIRONMENTAL DATA: This product is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES Permit.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: If possible, recycle empty aerosol can to nearest steel recycling center. Use up package or give to someone who can.

RCRA HAZARD CLASS: D001 (Ignitable Waste)

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Aerosols, flammable

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: None

NOTE: S.C. Johnson ships this product as: Consumer Commodity ORM-D (non-bulk packages)

AIR (ICAO/IATA)

SHIPPING NAME: Aerosols, flammable

UN/NA NUMBER: UN 1950

PRIMARY HAZARD CLASS/DIVISION: 2.1

PACKING GROUP: None

NOTE: S.C. Johnson typically does not ship products via air, therefore it has not been determined if the current product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

VESSEL (IMO/IMDG)

SHIPPING NAME: Aerosols

UN/NA NUMBER: UN 1950

PRIMARY HAZARD CLASS/DIVISION: 2.1

PACKING GROUP: None

NOTE: S.C. Johnson ships this product as "Limited Quantity" when container quantity value is 1000 ml or less.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Aerosols, flammable

UN/NA NUMBER: UN 1950

PRIMARY HAZARD CLASS/DIVISION: 2.1

PACKING GROUP: None

TDG NOTE: Consumer Commodity

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15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Sodium Nitrite	< 1	100

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Inventory.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Propane	74-98-6 is included on the following U.S. State Government Lists: Massachusetts Oil & Hazardous Material List Massachusetts Right-to-Know Substances List Minnesota Right-to-Know Hazardous Substances List New Jersey Right-to-Know Substances List Pennsylvania Right-to-Know Hazardous Substances List
Isobutane	75-28-5 is included on the following U.S. State Government Lists: Massachusetts Oil & Hazardous Material List Massachusetts Right-to-Know Substances List New Jersey Right-to-Know Substances List New Jersey - Discharge Prevention - List of Hazardous Substances Pennsylvania Right-to-Know Hazardous Substances List
Butane	106-97-8 is included on the following U.S. State Government Lists: California Director's List of Hazardous Substances Massachusetts Oil & Hazardous Material List Massachusetts Right-to-Know Substances List Minnesota Right-to-Know Hazardous Substances List New Jersey Right-to-Know Substances List Pennsylvania Right-to-Know Hazardous Substances List

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

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS CLASS: B,5;

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CANADIAN ENVIRONMENTAL PROTECTION ACT: All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

16. OTHER INFORMATION

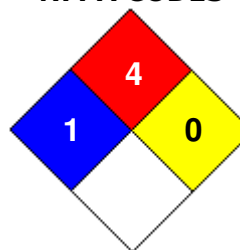
REASON FOR ISSUE: New format.

APPROVED BY: SCJ Global Safety Assessment & Reg. Affairs

HMIS RATING

HEALTH:	□	1
FLAMMABILITY:		4
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		

NFPA CODES



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