

RAID YARD GUARD OUTDOOR FOGGER FORMULA VII

Date Issued: 11Dec2002

Supersedes: 09Feb1998

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
Phone: (800) 428-4795
Emergency Phone:
(888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA
4-Very High	1	Health	1
3-High	4	Flammability	4
2-Moderate	0	Reactivity	0
1-Slight		Special	
0-Insignificant			

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... RAID YARD GUARD OUTDOOR FOGGER FORMULA VII
REASON FOR CHANGE..... No significant changes.
PRODUCT USE..... Household: Insecticide

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
D-cis trans allethrin (CAS# 584-79-2).....	0.143	NOT ESTABLISHED
Permethrin (CAS# 52645-53-1).....	0.225	NOT ESTABLISHED
Propane (CAS# 74-98-6).....	3-7	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isobutane (CAS# 75-28-5).....	5-10	NOT ESTABLISHED
Butane (CAS# 106-97-8).....	7-13	800 ppm ACGIH/OSHA TWA
Water (CAS# 7732-18-5).....	65-85	NOT ESTABLISHED

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Skin contact. Inhalation.
EFFECTS OF ACUTE EXPOSURE:
EYE..... None known.
SKIN..... None known.
INHALATION..... None known.
INGESTION..... None known.
MEDICAL CONDITIONS..... None known.
GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation persists, get medical attention.
SKIN CONTACT..... Wash contaminated area with water and soap. If irritation persists, get medical attention.
INHALATION..... No special requirements.
INGESTION..... No special requirements.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)
FLAMMABLE LIMITS..... Not available.
AUTOIGNITION..... Not available.
TEMPERATURE
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

Safety Data Sheet (SDS)

Page 2 of 4

MSDS # 111603001

RAID YARD GUARD OUTDOOR FOGGER FORMULA VII

Date Issued: 11Dec2002

Supersedes: 09Feb1998

----- SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued) -----

SPECIAL FIREFIGHTING... 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.
UNUSUAL FIRE AND..... EXPLOSION HAZARDS	Aerosol product - Containers may rocket or explode in heat of fire.

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... CASE MATERIAL IS RELEASED OR SPILLED	Dike large spills. 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.
--	--

----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... INFORMATION	CAUTION: Hazards to humans and animals. Keep out of reach of children. Avoid contact with skin, eyes and clothing. Harmful if swallowed. Avoid contact with food or drink. Keep away from food, foodstuffs and domestic water supplies. CONTENTS UNDER PRESSURE. Do not use near open fire, flames or heat. Do not puncture or incinerate. Exposure to temperatures above 120 F may cause bursting.
OTHER HANDLING AND..... STORAGE CONDITIONS	Store in a cool, dry place with adequate ventilation.

----- SECTION 8 - SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION.	No special requirements under normal use conditions.
VENTILATION.....	Not applicable.
PROTECTIVE GLOVES.....	No special requirements under normal use conditions.
EYE PROTECTION.....	No special requirements under normal use conditions.
OTHER PROTECTIVE..... MEASURES	Not applicable.

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR.....	Opaque
PRODUCT STATE.....	Dispensed as a spray mist.
ODOR.....	Mild
pH.....	Not available.
ODOR THRESHOLD.....	Not available.
SOLUBILITY IN WATER....	Appreciable
SPECIFIC GRAVITY..... (H ₂ O=1)	0.83
VAPOR DENSITY (AIR=1)..	Not applicable.
EVAPORATION RATE (BUTYL ACETATE=1)	Not available.
VAPOR PRESSURE (mm HG).	Not available.
BOILING POINT.....	Not applicable.
FREEZING POINT.....	Not available.
COEFFICIENT OF..... WATER/OIL	Not applicable.
PERCENT VOLATILE BY.... VOLUME (%)	Not available.

Safety Data Sheet (SDS)

MATERIAL SAFETY DATA SHEET

Page 3 of 4

MSDS # 111603001

RAID YARD GUARD OUTDOOR FOGGER FORMULA VII

Date Issued: 11Dec2002

Supersedes: 09Feb1998

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

VOLATILE ORGANIC..... Hydrocarbon Propellant.
COMPOUND (VOC)
THEORETICAL VOC..... 1.98 lb/gal
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. No special requirements.
TO AVOID
INCOMPATIBILITY..... None known.
HAZARDOUS DECOMPOSITION. When exposed to fire: Produces normal products of combustion.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... Not applicable.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX)... Estimated to be greater than 5000 mg/kg (rats).
LD50 (ACUTE DERMAL TOX) Not available.
LC50 (ACUTE INHALATION. Not available.
TOX)
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION..... None known.
CARCINOGENICITY..... None known.
REPRODUCTIVE TOXICITY.. None known.
TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

----- SECTION 12 - ECOLOGICAL INFORMATION -----

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.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

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

----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Not applicable.
CANADIAN SHIPPING NAME. RAID YARD GUARD OUTDOOR FOGGER FORMULA VII
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Not applicable.

Safety Data Sheet (SDS)

MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS # 111603001

RAID YARD GUARD OUTDOOR FOGGER FORMULA VII

Date Issued: 11Dec2002

Supersedes: 09Feb1998

----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

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

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

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

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol.

EPA REGISTRATION #..... 4822-394

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

PRINT DATE: 22Jul2003