

MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS # 111758002

RAID® FLEA KILLER PLUS FOGGER

Date Issued: 13Mar2007

Supersedes: 08Mar2007

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (866) 231-5406
International Emergency Phone:
(952) 852-4647

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (866) 231-5406

HAZARD RATING	HMSIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	1	Health	1	S.C. Johnson and Son, Limited
3-High	4	Flammability	4	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... RAID® FLEA KILLER PLUS FOGGER
REASON FOR CHANGE..... Section 2.
PRODUCT USE..... Insecticide

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Sodium nitrite (CAS# 7632-00-0).....	<0.1	NOT ESTABLISHED
Pyrethrins (CAS# 8003-34-7).....	0.50	5 mg/m ³ ACGIH/OSHA TWA
Methoprene (CAS# 65733-16-6).....	0.075	NOT ESTABLISHED
Piperonyl butoxide (CAS# 51-03-6).....	1.0	NOT ESTABLISHED
N-octyl bicycloheptene dicarboximide..... (CAS# 113-48-4)	1.67	NOT ESTABLISHED
Isobutane (CAS# 75-28-5).....	5-10	NOT ESTABLISHED
Butane (CAS# 106-97-8).....	7-13	800 ppm ACGIH/OSHA TWA
Propane (CAS# 74-98-6).....	7-13	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Water (CAS# 7732-18-5).....	50-70	NOT ESTABLISHED

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Inhalation. Ingestion.
EFFECTS OF ACUTE EXPOSURE:
EYE..... May cause: Mild eye irritation.
SKIN..... Harmful if absorbed through skin. May cause: Mild skin
irritation.
INHALATION..... May cause: Irritation to nose, throat and respiratory tract.
INGESTION..... May cause: Abdominal discomfort.
MEDICAL CONDITIONS..... None known.
GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

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

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SECTION 4 - FIRST AID MEASURES (continued)

SKIN CONTACT... Wash contaminated area with water and soap. If irritation persists, get medical attention.
INHALATION... Remove to fresh air. If breathing is affected, get medical attention. Administer artificial respiration, if needed.
INGESTION... Rinse mouth immediately. Contact nearest poison control center.

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

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Absorb with oil-dri or similar CASE MATERIAL IS inert material. Sweep or scrape up and containerize. Do not let RELEASED OR SPILLED spilled or leaking material enter watercourse. May be toxic to aquatic life. Contains pesticides.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY... CAUTION: Harmful if absorbed through skin. Harmful if inhaled. INFORMATION Avoid breathing spray mist or vapors. Avoid contact with skin, eyes and clothing. Do not remain in enclosed areas after use. Ventilate enclosed areas before returning. Avoid contact with food or drink. Remove plants, pets, birds and cover and turn off fish aquariums before spraying. CONTENTS UNDER PRESSURE. Do not use near open fire, flames or heat. Exposure to temperatures above 130 F may cause bursting. Do not puncture or incinerate.
OTHER HANDLING AND... Store in a cool, dry place with adequate ventilation. Wash STORAGE CONDITIONS thoroughly after handling. Observe good personal hygiene practices. Keep out of reach of children.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. If major exposure is possible (e.g. spills): Use appropriate respiratory protection to prevent overexposure.
VENTILATION... Ventilate enclosed areas before returning.
PROTECTIVE GLOVES... No special requirements under normal use conditions.
EYE PROTECTION... No special requirements under normal use conditions.
OTHER PROTECTIVE... If major exposure is possible to eyes/skin, wear/use appropriate MEASURES protective equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR... Clear

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

PRODUCT STATE..... Dispensed as a spray mist.
 ODOR..... Fragrant
 pH..... Not available.
 ODOR THRESHOLD..... Not available.
 SOLUBILITY IN WATER.... Negligible
 SPECIFIC GRAVITY..... 0.9
 (H2O=1)
 VAPOR DENSITY (AIR=1).. Not available.
 EVAPORATION RATE (BUTYL ACETATE=1) Not available.
 VAPOR PRESSURE (mm HG). Not available.
 BOILING POINT..... Not available.
 FREEZING POINT..... Not available.
 COEFFICIENT OF..... Not available.
 WATER/OIL
 PERCENT VOLATILE BY.... Not available.
 VOLUME (%)
 VOLATILE ORGANIC..... Not available.
 COMPOUND (VOC)
 THEORETICAL VOC..... Not available.
 (LB/GAL)

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

STABILITY..... Stable
 STABILITY - CONDITIONS. Excessive heat.
 TO AVOID
 INCOMPATIBILITY..... Avoid contact with: Strong oxidizing materials (e.g. liquid chlorine).
 HAZARDOUS DECOMPOSITION PRODUCTS When exposed to fire: Produces normal products of combustion.
 HAZARDOUS..... Will not occur.
 POLYMERIZATION
 HAZARDOUS..... Not applicable.
 POLYMERIZATION -
 CONDITIONS TO AVOID

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

LD50 (ACUTE ORAL TOX).. Greater than 20,000 mg/kg (rats).
 LD50 (ACUTE DERMAL TOX) Estimated to be greater than 2000 mg/kg. (rabbit)
 LC50 (ACUTE INHALATION TOX) 4.6 mg/L (rat)
 EFFECTS OF CHRONIC..... None known.
 EXPOSURE
 SENSITIZATION..... None known.
 CARCINOGENICITY..... None known.
 REPRODUCTIVE TOXICITY.. None known.
 TERATOGENICITY..... None known.
 MUTAGENICITY..... None known.

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

ENVIRONMENTAL DATA..... Not available.

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

WASTE DISPOSAL..... PESTICIDAL WASTE - Observe all applicable Federal/ Provincial/ INFORMATION State regulations and Local/ Municipal ordinances regarding disposal of pesticide wastes. If possible, recycle empty aerosol can to nearest steel recycling center. Use up package or give to someone who can.

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

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for up-to-date shipping information. CANADIAN SHIPPING NAME. RAID® FLEA KILLER PLUS FOGGER TDG CLASSIFICATION..... Not applicable. PIN/NIP..... Not applicable. PACKING GROUP..... Not applicable. EXEMPTION NAME..... Not applicable.

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

WHMIS CLASSIFICATION... Not applicable.

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 #..... 4822-229

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

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

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