

MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS # 121680004

RAID® HOUSE & GARDEN BUG KILLER

Date Issued: 12Mar2007

Supersedes: 22Mar2005

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	HMIS	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® HOUSE & GARDEN BUG KILLER
 REASON FOR CHANGE..... Section 2. Section 3. Section 4. Section 7. Section 8. Section 10. Section 11. Section 13.
 PRODUCT USE..... Household: Insecticide

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
62300 01705	11727	12		350 GM
62300 01706	11728	12		450 GM

----- SECTION 2 - INGREDIENT INFORMATION -----

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Tetramethrin (CAS# 7696-12-0).....	<0.5	NOT ESTABLISHED
D-trans allethrin (CAS# 584-79-2).....	<0.5	NOT ESTABLISHED LD50: 900 mg/kg (oral-rat) ; 2,660 mg/kg (dermal-rabbit) LC50: ; >3,875 mg/m3 (inhalation-rat)
Piperonyl butoxide (CAS# 51-03-6).....	1-5	NOT ESTABLISHED LD50: 6,150 mg/kg (oral-rat)
N-butane (CAS# 106-97-8).....	1-5	800 ppm ACGIH/OSHA TWA
Propane (CAS# 74-98-6).....	5-10	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isobutane (CAS# 75-28-5).....	20-30	NOT ESTABLISHED
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..... Prolonged or repeated contact may cause: Drying/defatting of skin.
 INHALATION..... Prolonged or repeated contact may cause: Irritation to nose, throat and respiratory tract.
 INGESTION..... May cause irritation to mouth, throat and stomach.

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Page 2 of 4

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

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..... Remove to fresh air.
INGESTION..... Rinse mouth immediately.

----- 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
PROCEDURES 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
EXPLOSION HAZARDS fire.

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

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Dike large spills. Absorb with
CASE MATERIAL IS oil-dri or similar inert material. Sweep or scrape up and
RELEASED OR SPILLED containerize. Do not let spilled or leaking material enter watercourse.

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

PRECAUTIONARY..... CAUTION: CONTENTS UNDER PRESSURE. Do not puncture or incinerate.
INFORMATION Exposure to temperatures above 130 F may cause bursting. Keep away from heat, sparks and flame. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist or vapors. Ventilate enclosed areas before returning. KEEP OUT OF REACH OF CHILDREN.
OTHER HANDLING AND.... Store in a cool, dry place with adequate ventilation. Avoid
STORAGE CONDITIONS contact with food or drink. Observe good personal hygiene practices. Wash thoroughly after handling.

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

RESPIRATORY PROTECTION. If ventilation is adequate, respiratory protection not required.
VENTILATION..... General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.
PROTECTIVE GLOVES..... If prolonged or repeated contact is possible: Any impervious material.

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SECTION 8 - SPECIAL PROTECTION INFORMATION (continued)

EYE PROTECTION... If major exposure is possible (e.g. spills): Chemical goggles.
OTHER PROTECTIVE MEASURES... If major exposure is possible to eyes/skin, wear/use appropriate protective equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR... Opaque
PRODUCT STATE... Dispensed as a spray mist.
ODOR... Characteristic
pH... Not available.
ODOR THRESHOLD... Not available.
SOLUBILITY IN WATER... Appreciable
SPECIFIC GRAVITY... 0.81
VAPOR DENSITY (AIR=1)... Not applicable.
EVAPORATION RATE (BUTYL ACETATE=1)... Not available.
VAPOR PRESSURE (mm HG)... Not available.
BOILING POINT... Not available.
FREEZING POINT... Not available.
COEFFICIENT OF WATER/OIL... Not available.
PERCENT VOLATILE BY VOLUME (%)... Not available.
VOLATILE ORGANIC COMPOUND (VOC)... Hydrocarbon Propellant.
THEORETICAL VOC (LB/GAL)... Not available.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY... Stable
STABILITY - CONDITIONS TO AVOID... Excessive heat.
INCOMPATIBILITY... Avoid contact with: Strong oxidizing materials (e.g. liquid chlorine).
HAZARDOUS DECOMPOSITION PRODUCTS... When exposed to fire: Produces normal products of combustion.
HAZARDOUS POLYMERIZATION... Will not occur.
HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID... None known.

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)... Estimated to be greater than 2000 mg/kg. (rabbit)
LC50 (ACUTE INHALATION TOX)... 6.7 mg/L (rat)
EFFECTS OF CHRONIC EXPOSURE... None known.
SENSITIZATION... None known.
CARCINOGENICITY... None known.
REPRODUCTIVE TOXICITY... None known.

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

TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

----- 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.... Aerosols, 2.1 UN 1950 Ltd. Qty.
CANADIAN SHIPPING NAME. RAID® HOUSE & GARDEN BUG KILLER
TDG CLASSIFICATION.... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Consumer commodity

----- 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. P.C.P. Registration #: 20796
EPA REGISTRATION #..... Not applicable.

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

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

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