

# MATERIAL SAFETY DATA SHEET

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MSDS # 111627002

## RAID® ANT & ROACH KILLER - OUTDOOR FRESH\* (AEROSOL)

Date Issued: 13Apr2004

Supersedes: 09Dec1995

### 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® ANT & ROACH KILLER - OUTDOOR FRESH\* (AEROSOL)  
REASON FOR CHANGE..... No significant changes.  
PRODUCT USE..... Insecticide

## SECTION 2 - INGREDIENT INFORMATION

| INGREDIENT                                                  | WEIGHT% | EXPOSURE LIMIT/TOXICITY                             |
|-------------------------------------------------------------|---------|-----------------------------------------------------|
| Permethrin (CAS# 52645-53-1).....                           | <1.0    | NOT ESTABLISHED                                     |
| Pyrethrum extract (CAS# 121-21-1).....                      | <1.0    | NOT ESTABLISHED                                     |
| Isobutane (CAS# 75-28-5).....                               | 1-5     | NOT ESTABLISHED                                     |
| Isopropyl alcohol (CAS# 67-63-0).....                       | 1-5     | 400 ppm OSHA/ACGIH TWA , 500 ppm<br>OSHA/ACGIH STEL |
| Propane (CAS# 74-98-6).....                                 | 5-10    | 1000 ppm OSHA PEL , 2500 ppm ACGIH<br>TWA           |
| Isoparaffinic hydrocarbon solvent.....<br>(CAS# 64742-48-9) | 15-40   |                                                     |

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Ingestion. Inhalation.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... May cause: Mild eye irritation.  
SKIN..... None known.  
INHALATION..... None known.  
INGESTION..... Harmful if swallowed. Aspiration into the lungs may cause severe  
health effects.  
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.

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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. Administer artificial respiration, if needed. Seek immediate medical attention.  
INGESTION..... Do not induce vomiting! 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  
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. Rinse affected area thoroughly with water.

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: Harmful if absorbed through skin. Harmful if swallowed.  
INFORMATION Avoid breathing spray mist or vapors. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Ventilate enclosed areas before returning. Do not apply to humans or animals. Avoid contact with food or drink. Remove plants, pets, birds and cover and turn off fish aquariums before spraying. Keep out of reach of children. FLAMMABLE: CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Do not store at temperatures above 120 °F (50 °C). Do not use near open fire, flames or heat.  
OTHER HANDLING AND.... Store in a cool, dry place with adequate ventilation.  
STORAGE CONDITIONS

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.  
VENTILATION..... General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.  
PROTECTIVE GLOVES..... No special requirements under normal use conditions.  
EYE PROTECTION..... No special requirements under normal use conditions.  
OTHER PROTECTIVE..... No special requirements.  
MEASURES

### 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.....               | Hydrocarbon Solvent        |
| pH.....                 | Not applicable.            |
| ODOR THRESHOLD.....     | Not available.             |
| SOLUBILITY IN WATER.... | Appreciable                |
| SPECIFIC GRAVITY.....   | 0.79                       |
| (H2O=1)                 |                            |
| VAPOR DENSITY (AIR=1).. | Not applicable.            |
| EVAPORATION RATE (BUTYL | Not available.             |
| ACETATE=1)              |                            |
| 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. | None known.     |
| TO AVOID                |                 |
| INCOMPATIBILITY.....    | None known.     |
| HAZARDOUS DECOMPOSITION | Not applicable. |
| 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)  | Estimated to be greater than 2000 mg/kg.        |
| 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.                                     |

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### SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA..... Not available.

### 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® ANT & ROACH KILLER - OUTDOOR FRESH\* (AEROSOL)  
TDG CLASSIFICATION..... Non-regulated.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Not applicable.

### 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 #..... 4822-403

### PREPARATION INFORMATION

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

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