

# MATERIAL SAFETY DATA SHEET

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MSDS # 121720006

## RAID ANT, ROACH & EARWIG BUG KILLER 16

Date Issued: 24Jun2005

Supersedes: 05May2005

### US MANUFACTURER:

S.C. Johnson & Son, Inc.  
Phone: (800) 725-6737  
Racine, Wisconsin 53403-2236  
Emergency Phone: (888) 779-7920  
International Emergency Phone:  
(262) 886-1480

### 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: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	2	Health	2	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 & EARWIG BUG KILLER 16  
PRODUCT USE..... Insecticide

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
62300 01725	61725	12		350 GM

## SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Permethrin (CAS# 52645-53-1).....	<0.5	NOT ESTABLISHED LD50: 5,415 mg/kg (oral-rat)
Pyrethrins (CAS# 121-21-1).....	<0.5	NOT ESTABLISHED
Piperonyl butoxide (CAS# 51-03-6).....	<0.5	NOT ESTABLISHED LD50: 6,150 mg/kg (oral-rat)
Isopropanol (CAS# 67-63-0).....	1-3	400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH STEL LD50: >4,720 mg/kg (oral-rat) LC50: 2,000 ppm (inhalation-rat) 8 hrs.
Hydrocarbon propellant blend (CAS# 68476-85-7)	7-13	1000 ppm ACGIH/OSHA TWA

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Inhalation.

### EFFECTS OF ACUTE EXPOSURE:

EYE..... May cause: Moderate eye irritation.

SKIN..... Prolonged or repeated contact may cause: Drying/defatting of skin.

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

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### SECTION 4 - FIRST AID MEASURES

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

SKIN CONTACT..... Wash contaminated area with water and soap. If irritation persists, get medical attention. Remove contaminated clothing within a reasonable time.

INHALATION..... Remove to fresh air. Administer artificial respiration, if needed.

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

### 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... Normal fire fighting procedure may be used. Cool and use caution PROCEDURES when approaching or handling fire-exposed containers.

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. Absorb with oil-dri or similar CASE MATERIAL IS inert material. Sweep or scrape up and containerize. Do not RELEASED OR SPILLED sewer!

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: Skin and eye irritant. Do not get in eyes, on skin or INFORMATION on clothing. If contact is made with skin, wash with soap and water. Avoid breathing spray mist or vapors. Environmental Hazard: This pesticide is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning or disposal of wastes. Keep out of reach of children. Keep away from food, foodstuffs and domestic water supplies. CONTENTS UNDER PRESSURE. Do not store at temperatures above 120 °F (50 °C).

OTHER HANDLING AND..... Product residue may remain on/in empty containers. All STORAGE CONDITIONS precautions for handling the product must be used in handling the empty container and residue. Launder contaminated clothing/equipment before reuse. Do not puncture or incinerate. Do not pressurize, cut, heat or weld empty containers.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions. If major exposure is possible (e.g. spills): Organic vapor/acid gas respirator. Self-contained breathing apparatus.

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

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### ----- SECTION 8 - SPECIAL PROTECTION INFORMATION (continued) -----

PROTECTIVE GLOVES..... No special requirements under normal use conditions. If prolonged or repeated contact is possible: Any impervious material.

EYE PROTECTION..... No special requirements under normal use conditions. If major exposure is possible (e.g. spills): Chemical goggles.

OTHER PROTECTIVE..... No special requirements.  
MEASURES

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

COLOR..... Clear Colorless

PRODUCT STATE..... Dispensed as a spray mist.

ODOR..... Characteristic

pH..... Not applicable.

ODOR THRESHOLD..... Not available.

SOLUBILITY IN WATER.... Negligible

SPECIFIC GRAVITY..... 0.790  
(H<sub>2</sub>O=1)

VAPOR DENSITY (AIR=1).. Not available.

EVAPORATION RATE (BUTYL ACETATE=1) Not available.

VAPOR PRESSURE (mm HG). Not available.

BOILING POINT..... Not applicable.

FREEZING POINT..... Not applicable.

COEFFICIENT OF..... Not available.  
WATER/OIL

PERCENT VOLATILE BY.... 100  
VOLUME (%)

VOLATILE ORGANIC..... Isopropanol. Isoparaffinic Hydrocarbon.  
COMPOUND (VOC)

THEORETICAL VOC..... Not available.  
(LB/GAL)

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

STABILITY..... Stable

STABILITY - CONDITIONS. Not applicable.  
TO AVOID

INCOMPATIBILITY..... Avoid contact with: Rubber. Plastic. Strong oxidizing materials (e.g. liquid chlorine).

HAZARDOUS DECOMPOSITION PRODUCTS 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).. >5,000 MG KG (ORAL-RAT)

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

LD50 (ACUTE DERMAL TOX) >2,000 MG KG (DERMAL-RABBIT)  
LC50 (ACUTE INHALATION. TOX) Not available.  
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..... Not available.

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

WASTE DISPOSAL..... Disposal is regulated under the Resource Conservation and  
INFORMATION Recovery Act as an ignitable waste (40 CFR 261.21). PESTICIDAL  
WASTE - Observe all applicable Federal/ Provincial/ State  
regulations and Local/ Municipal ordinances regarding disposal  
of pesticide wastes.

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

US DOT INFORMATION..... Not applicable.  
CANADIAN SHIPPING NAME. RAID ANT, ROACH & EARWIG BUG KILLER 16  
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 #: 24899  
EPA REGISTRATION #..... Not available.

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----- **PREPARATION INFORMATION** -----

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

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