

MATERIAL SAFETY DATA SHEET

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MSDS # 10406

RAID ANT & ROACH KILLER 16

Date Issued: 04Apr1997

Supersedes: New

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	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 16
REASON FOR CHANGE..... New.
PRODUCT USE..... Insecticide

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Pyrethrins (CAS# 8003-34-7).....	<0.5	5 mg/m ³ ACGIH/OSHA TWA
Permethrin (CAS# 52645-53-1).....	<0.5	NOT ESTABLISHED
Piperonyl Butoxide (CAS# 51-03-6).....	<0.5	NOT ESTABLISHED
Isopropanol (CAS# 67-63-0).....	1-5	400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH STEL
Isobutane (CAS# 75-28-5).....	1-5	NOT ESTABLISHED
Propane (CAS# 74-98-6).....	5-10	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isoparaffinic Hydrocarbon Solvent..... (CAS# 64742-47-8)	15-40	100 ppm TWA (STODDARD SOLVENT)
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. 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. If breathing is affected, get 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 caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.
PROCEDURES
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

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

COLOR..... Clear
 PRODUCT STATE..... Dispensed as a spray mist.
 ODOR..... Hydrocarbon Solvent
 pH..... Not applicable.
 SOLUBILITY IN WATER.... Appreciable
 SPECIFIC GRAVITY..... 0.89
 (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.
 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 PRODUCTS Not applicable.
 HAZARDOUS..... Will not occur.
 POLYMERIZATION
 HAZARDOUS..... Not applicable.
 POLYMERIZATION -
 CONDITIONS TO AVOID

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

EFFECTS OF CHRONIC..... None known.
 EXPOSURE

----- 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..... Please refer to the Bill of Lading/receiving documents for
 up-to-date shipping information.

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

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

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 #..... 4822-473

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

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

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