

# MATERIAL SAFETY DATA SHEET

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MSDS # 111620017

## RAID ANT & ROACH KILLER (AEROSOL)

Date Issued: 12 Jun 1995

Supersedes: New

US MANUFACTURER:  
S.C. Johnson & Son, Inc.  
Phone: (800) 725-6737  
Racine, Wisconsin 53403-2236  
Emergency Phone: (800) 228-5635 Ext 092  
International Emergency Phone:  
(612) 221-3999 Ext 092

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: (800) 228-5635 Ext 092

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	1	Health	1	S.C. Johnson and Son, Limited
3-High	2	Flammability	2	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 (AEROSOL)  
REASON FOR CHANGE..... New format.  
PRODUCT USE..... Insecticide

### SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Permethrin (CAS# 52645-53-1).....	0.2	NOT ESTABLISHED
Pyrethrum extract (CAS# 121-21-1).....	0.2	NOT ESTABLISHED
Technical piperonyl butoxide (CAS# 51-03-6)...	0.3	NOT ESTABLISHED
Isopropyl alcohol (CAS# 67-63-0).....	1-5	400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH STEL
Carbon dioxide (CAS# 124-38-9).....	1-5	5000 ppm ACGIH TWA , 30000 ppm ACGIH STEL 10000 ppm OSHA TWA 30000 ppm OSHA STEL
Isoparaffinic hydrocarbon solvent..... (CAS# 64742-47-8)	60-100	200 ppm TLV-SUPPLIER RECOMMENDED

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Ingestion. Inhalation.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... None known.  
SKIN..... None known.  
INHALATION..... None known.  
INGESTION..... 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.  
SKIN CONTACT..... Wash contaminated area with water and soap.

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### ----- SECTION 4 - FIRST AID MEASURES (continued) -----

INHALATION..... Remove to fresh air. Administer artificial respiration, if needed.  
INGESTION..... Do not induce vomiting! Seek immediate medical attention.

### ----- SECTION 5 - FIRE AND EXPLOSION INFORMATION -----

FLASH POINT..... 140°F (60°C) (TCC)  
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.  
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. May be toxic to aquatic life.

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

PRECAUTIONARY..... CAUTION: Harmful if swallowed. Harmful if absorbed through skin.  
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.  
FLAMMABLE: CONTENTS UNDER PRESSURE. Do not use near open fire,  
flames or heat. Do not puncture or incinerate. Do not store at  
temperatures above 120 °F (50 °C). Keep out of reach of children.  
OTHER HANDLING AND.... Wash thoroughly after handling. Keep out of reach of children.  
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..... If major exposure is possible to eyes/skin, wear/use appropriate  
MEASURES protective equipment.

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

COLOR..... Clear  
PRODUCT STATE..... Dispensed as a spray mist.  
ODOR..... Hydrocarbon Solvent  
pH..... Not applicable.  
SOLUBILITY IN WATER.... Negligible  
SPECIFIC GRAVITY..... 0.79  
(H2O=1)

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

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 applicable.  
PERCENT VOLATILE BY... > 95  
VOLUME (%)  
VOLATILE ORGANIC..... Isoparaffinic Hydrocarbon.  
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 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)** -----

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 recycling  
INFORMATION 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.

----- **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.

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----- **SECTION 16 - OTHER INFORMATION (continued)** -----

EPA REGISTRATION #..... 4822-323

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

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

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