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## MATERIAL SAFETY DATA SHEET

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MSDS # 111620017

### RAID® ANT & ROACH KILLER (AEROSOL)

Date Issued: 12Jun1995

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

#### DISTRIBUTED IN CANADA BY:

S.C. Johnson and Son, Limited  
Phone: (800) 725-6737  
Webster Street  
Brantford, Ontario N3T 5R1

HAZARD RATING	HMIS	HAZARD	NFPA
4-Very High	1	Health	1
3-High	2	Flammability	2
2-Moderate	0	Reactivity	0
1-Slight		Special	
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

WEIGHT%                      INGREDIENT AND EXPOSURE LIMIT

0.2            Permethrin (CAS# 52645-53-1)  
                 Exposure Limit: NOT ESTABLISHED  
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### SECTION 2 - INGREDIENT INFORMATION (continued)

1 of 6            Pyrethrum extract (CAS# 121-21-1)

Exposure Limit: NOT ESTABLISHED

0.3 Technical piperonyl butoxide (CAS# 51-03-6)  
Exposure Limit: NOT ESTABLISHED

Isopropyl alcohol (CAS# 67-63-0)  
Exposure Limit: 400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH  
STEL

1-5 Carbon dioxide (CAS# 124-38-9)  
Exposure Limit: 5000 ppm ACGIH TWA , 30000 ppm ACGIH STEL  
10000 ppm OSHA TWA 30000 ppm OSHA STEL

60-100 Isoparaffinic hydrocarbon solvent (CAS# 64742-47-8)  
Exposure Limit: 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 GENERALLY RECOGNIZED AS BEING AGGRAVATED BY

EXPOSURE

None known.

### 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

None (60°C) (TCC)

#### FLAMMABLE LIMITS

Not available.

#### AUTOIGNITION TEMPERATURE

Not available.

#### EXTINGUISHING MEDIA

Foam. CO2. Dry chemical. Water fog.

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## SPECIAL FIREFIGHTING PROCEDURES

Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Aerosol product - Containers may rocket or explode in heat of fire.

## SECTION 6 - PREVENTIVE RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Dike large spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life.

## SECTION 7 - HANDLING AND STORAGE

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## SECTION 7 - HANDLING AND STORAGE (continued)

### PRECAUTIONARY INFORMATION

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Avoid breathing spray mist or vapors. Avoid contact with skin, eyes or 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 STORAGE CONDITIONS

Wash thoroughly after handling. Keep out of reach of children.

## 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 MEASURES

If major exposure is possible to eyes/skin, wear/use appropriate protective equipment.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### COLOR

Clear

### PRODUCT STATE

Dispensed as a spray mist.

### ODOR

Hydrocarbon Solvent

Odor threshold applicable.

### ODOR THRESHOLD

Not available.

### SOLUBILITY IN WATER

Negligible

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

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0.79  
VAPOR DENSITY (AIR=1)  
Not applicable.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued)

EVAPORATION RATE (BUTYL ACETATE=1)

Not available.

VAPOR PRESSURE (mm HG)

Not available.

BOILING POINT

Not available.

FREEZING POINT

Not applicable.

COEFFICIENT OF WATER/OIL

Not available.

PERCENT VOLATILE BY VOLUME (%)

> 95

VOLATILE ORGANIC COMPOUND (VOC)

Isoparaffinic hydrocarbon.

THEORETICAL VOC (LB/GAL)

Not available.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

Stable

STABILITY - CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

When exposed to fire: Produces normal products of combustion.

HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID

Not applicable.

SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3)

LD50 (ACUTE ORAL TOX)

Acute oral LD50 is estimated to be greater than 5000 mg/kg (rats).

LD50 (ACUTE DERMAL TOX)

Not available.

LC50 (ACUTE INHALATION TOX)

Not available.

EFFECTS OF CHRONIC EXPOSURE

None known.

SENSITIZATION

None known.

CARCINOGENICITY

None known.

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

REPRODUCTIVE TOXICITY

None known.

TERATOGENICITY

None known.

MUTAGENICITY

None known.

SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA

Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION

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

Insecticides or insect repellents, N.O.I., other than poison Consumer commodity, ORM-D.

CANADIAN SHIPPING NAME

Not applicable.

TDG CLASSIFICATION

Not applicable.

PIN/NIP

Not applicable.

PACKING GROUP

Not applicable.

EXEMPTION NAME

Not applicable.

SECTION 15 - REGULATORY INFORMATION

WILSON CLASSIFICATION

Not applicable.

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 MATERIAL SAFETY DATA SHEET

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California's Proposition 65.

SECTION 16 - OTHER INFORMATION

ADDITIONAL INFORMATION

CPA 30B Level 1 Aerosol.

EPA REGISTRATION #

22-323

PREPARATION INFORMATION -

PREPARED BY

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

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