MATERIAL SAFETY DATA SHEET

RAID ANT & ROACH KILLER (AEROSOL)

Date Issued: 12 Jun 1995

US MANUFACTURER:
S.C. Johnson & Son, Inc.
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
1 Webster Street
Brantford, Ontario N3T 5R1

Hazard Rating

<table>
<thead>
<tr>
<th>Rating</th>
<th>HMIS</th>
<th>Hazard</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Very High</td>
<td>1</td>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>3-High</td>
<td>2</td>
<td>Flammability</td>
<td>2</td>
</tr>
<tr>
<td>2-Moderate</td>
<td>0</td>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>1-Slight</td>
<td>Special</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-Insigificant</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: RAID® ANT & ROACH KILLER (AEROSOL)
REASON FOR CHANGE: New format.
PRODUCT USE: Insecticide

SECTION 2 - INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight%</th>
<th>Exposure Limit/Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permethrin (CAS# 52645-53-1)</td>
<td>0.2</td>
<td>NOT ESTABLISHED</td>
</tr>
<tr>
<td>Pyrethrum extract (CAS# 121-21-1)</td>
<td>0.2</td>
<td>NOT ESTABLISHED</td>
</tr>
<tr>
<td>Technical piperonyl butoxide (CAS# 51-03-6)</td>
<td>0.3</td>
<td>NOT ESTABLISHED</td>
</tr>
<tr>
<td>Isopropyl alcohol (CAS# 67-63-0)</td>
<td>1-5</td>
<td>400 ppm OSHA/ACGIH TWA, 500 ppm OSHA/ACGIH STEL</td>
</tr>
<tr>
<td>Carbon dioxide (CAS# 124-38-9)</td>
<td>1-5</td>
<td>5000 ppm ACGIH TWA, 30000 ppm ACGIH STEL 10000 ppm OSHA TWA 30000 ppm OSHA STEL</td>
</tr>
<tr>
<td>Isoparaffinic hydrocarbon solvent</td>
<td>60-100</td>
<td>200 ppm TLV-SUPPLIER RECOMMENDED</td>
</tr>
</tbody>
</table>

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.

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 caution when approaching or handling fire-exposed containers.
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-drill 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)
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 VOLUME (%) > 95
VOLATILE ORGANIC Compound (VOC) Isoparaffinic Hydrocarbon.
THEORETICAL VOC Not available.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY Stable
STABILITY - CONDITIONS None known.
TO AVOID None known.
INCOMPATIBILITY None known.
HAZARDOUS DECOMPOSITION When exposed to fire: Produces normal products of combustion.
PRODUCTS
HAZARDOUS Will not occur.
POLYMERIZATION Not applicable.
HAZARDOUS 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 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.
RAID  ANT & ROACH KILLER (AEROSOL)

Date Issued: 12 Jun 1995  
Supersedes: New

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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