RAID® ANT & ROACH KILLER (AEROSOL)

Date Issued: 12 Jun 1995

US MANUFACTURER:
S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-5011
Emergency Phone: (800) 228-5635 Ext 092
International Emergency Phone:
(612) 221-3999 Ext 092

Supersedes: New

CANADIAN MANUFACTURER:
S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
TRANSTECH (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>HAZARD</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-Insignificant</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 (CAS# 64742-47-8)</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.... None known.
GENERAL 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.
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 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-diri 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

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
pH.............. Not applicable.
ODOR THRESHOLD........ Not available.
SOLUBILITY IN WATER........ Negligible
MATERIAL SAFETY DATA SHEET

MSDS # 111620017

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued)

SPECIFIC GRAVITY .......... 0.79
(H2O=1)
VAPOR DENSITY (AIR=1) .... Not applicable.
EVAPORATION RATE (BUTYL
ACETATE=1)
VAPOR PRESSURE (mm Hg) . Not available.
BOILING POINT ............ Not available.
FREEZING POINT ........... Not applicable.
CHEMICAL FORMULA ...... Not available.
WATER/OIL PERCENT VOLATILE BY VOLUME (%) > 95
VOLATILE ORGANIC ...... Isoparaffinic hydrocarbon.
THEORETICAL VOC ...... Not available.

(LB/GAL)

SECTION 10 - STABILITY AND REACTIVITY

STABILITY ............. Stable
STABILITY - CONDITIONS None known.
TO AVOID
INCOMPATIBILITY ........ None known.
HAZARDOUS DECOMPOSITION When exposed to fire: Produces normal products of combustion.
PRODUCTS
HAZARDOUS ............ Will not occur.
POLYMERIZATION
HAZARDOUS ............. Not applicable.
POLYMERIZATION - CONDITIONS TO AVOID

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.
CANCEROGENICITY ........ 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 .......... 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. 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 -----

WHMIS 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 California's Proposition 65.

----- SECTION 16 - OTHER INFORMATION ----- 

ADDITIONAL INFORMATION. NFPA 308 Level 1 Aerosol.

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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PRINT DATE: 12Dec1995