# RAID® ANT KILLER 17 PINE FOREST FRESH

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

<table>
<thead>
<tr>
<th>Trade name</th>
<th>RAID® ANT KILLER 17 PINE FOREST FRESH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of the Substance/Mixture</td>
<td>Insecticide</td>
</tr>
<tr>
<td>Company</td>
<td>S.C. Johnson &amp; Son, Inc.</td>
</tr>
<tr>
<td></td>
<td>1525 Howe Street</td>
</tr>
<tr>
<td></td>
<td>Racine WI 53403-2236</td>
</tr>
</tbody>
</table>

**Emergency telephone number**

- 24 Hour Transport & Medical Emergency Phone (866) 231-5406
- 24 Hour International Emergency Phone (952) 852-4647

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

<table>
<thead>
<tr>
<th>Appearance / Odor</th>
<th>clear / aerosol / pleasant</th>
</tr>
</thead>
</table>

**Immediate Concerns**

- Caution
- CAUSES SKIN IRRITATION.
- Avoid contact with skin, eyes and clothing.
- Keep away from heat, sparks and flame.
- Contents under pressure.
- Do not puncture or incinerate.
- Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

**Potential Health Effects**

**Exposure routes**

- Eye, Skin, Inhalation, Ingestion.

**Eyes**

- May cause:
  - Mild eye irritation

**Skin**

- Causes moderate skin irritation.
- May cause transient tingling and reddening of the skin.

**Inhalation**

- Excessive exposures may affect human health, as follows:
  - May cause nose, throat, and lung irritation.
  - Inhalation may cause central nervous system effects.

**Ingestion**

- May cause irritation to mouth, throat and stomach.
- May cause abdominal discomfort.
- Aspiration hazard if swallowed - can enter lungs and cause
RAID® ANT KILLER 17 PINE FOREST FRESH

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon Solvent</td>
<td>Mixture</td>
<td>10.00 - 30.00</td>
</tr>
<tr>
<td>Hydrocarbons (CAS#s 629-59-4, 629-62-9, 544-76-3 or 64742-47-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>5.00 - 10.00</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>Imiprothrin</td>
<td>72963-72-5</td>
<td>0.10 - 1.00</td>
</tr>
<tr>
<td>Cis-,Trans-Cypermethrin</td>
<td>52315-07-8</td>
<td>0.10 - 1.00</td>
</tr>
</tbody>
</table>

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.

Skin contact : Wash off immediately with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation : Remove to fresh air. If breathing is affected, get medical attention.

Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses.

Further information : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Flash point : < -7 °C
< 19.4 °F
Note: Propellant

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

NFPA Classification : NFPA Level 1 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition. Wear personal protective equipment.

Environmental precautions : Do not flush into surface water or sanitary sewer system. Use appropriate containment to avoid environmental contamination. Outside of normal use, avoid release to the environment.

Methods for cleaning up : If damage occurs to aerosol can:
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Use only non-sparking equipment. Clean residue from spill site.

7. HANDLING AND STORAGE

Handling
Advice on safe handling

- Avoid contact with skin, eyes and clothing.
- Do not puncture or incinerate.
- Do not enter places where used or stored until adequately ventilated.
- Avoid breathing vapors, mist or gas.
- For personal protection see section 8.
- Do not spray toward face.
- Do not use in areas without adequate ventilation.
- Use only as directed.
- KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion

- Keep away from heat and sources of ignition.

Storage

Requirements for storage areas and containers

- Keep away from food, drink and animal feedingstuffs.
- Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
- Keep in a dry, cool and well-ventilated place.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>mg/m3</th>
<th>ppm</th>
<th>Non-standard units</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1,800 mg/m3</td>
<td>1,000 ppm</td>
<td>-</td>
<td>OSHA TWA</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>-</td>
<td>1,000 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>980 mg/m3</td>
<td>400 ppm</td>
<td>-</td>
<td>OSHA TWA</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>-</td>
<td>400 ppm</td>
<td>-</td>
<td>ACGIH STEL</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>-</td>
<td>200 ppm</td>
<td>-</td>
<td>ACGIH TWA</td>
</tr>
</tbody>
</table>

**Personal protective equipment**

**Respiratory protection**

- **Industrial setting**: Use only with adequate ventilation. Do not spray in enclosed areas.
- **Household setting**: No special requirements.

**Hand protection**

- If prolonged or repeated contact is possible: Wear suitable gloves.

**Eye protection**

- **Industrial setting**: No special requirements.
- **Household setting**: No special requirements.

**Skin and body protection**

- No special requirements.

**Hygiene measures**

- Handle in accordance with good industrial hygiene and safety
practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>aerosol</td>
</tr>
<tr>
<td>Color</td>
<td>clear</td>
</tr>
<tr>
<td>Odor</td>
<td>pleasant</td>
</tr>
<tr>
<td>pH</td>
<td>no data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>no data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>no data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; -7 °C</td>
</tr>
<tr>
<td></td>
<td>&lt; 19.4 °F</td>
</tr>
<tr>
<td>Propellant</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>no data available</td>
</tr>
<tr>
<td>Density</td>
<td>0.877 g/cm³</td>
</tr>
<tr>
<td></td>
<td>at 70 °F</td>
</tr>
<tr>
<td>Water solubility</td>
<td>partly soluble</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>no data available</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>12.2 % - does not include any applicable regulatory exemptions</td>
</tr>
<tr>
<td>(California Air Resource Board – CARB)</td>
<td></td>
</tr>
<tr>
<td>Total VOC (wt. %)</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Conditions to avoid: Heat, flames and sparks.
Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous reactions: Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50 estimated > 5,000 mg/kg

Acute inhalation toxicity: LC50 estimated > 5.1 mg/l

Acute dermal toxicity: LD50 estimated > 5,000 mg/kg

Chronic effects
Carcinogenicity: no data available
Mutagenicity: no data available
Reproductive effects: no data available
Teratogenicity: no data available
Sensitisation: Substance is not a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: Harmful to aquatic organisms.
13. DISPOSAL CONSIDERATIONS

PESTICIDAL WASTE:
Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
Consumer may discard empty container in trash, or recycle where facilities exist.

RCRA waste class: D001 (Ignitable Waste)

14. TRANSPORT INFORMATION

Land transport

- U.S. DOT and Canadian TDG Surface Transportation:
  Proper shipping name: UN 1950 AEROSOLS, Flammable, 2.1
  Class: 2.1
  UN number: 1950
  Packaging group: None.
  Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

Sea transport

- IMDG:
  Proper shipping name: UN 1950 AEROSOLS, Flammable, 2.1
  Class: 2
  UN number: 1950
  Packaging group: None.
  EmS: F-D, S-U
  Note: Limited quantities derogation may be applicable to this product, please check transport documents.

Air transport

- ICAO/IATA:
  Proper shipping name: UN 1950 AEROSOLS, Flammable, 2.1
  Class: 2.1
  UN/ID No.: UN 1950
  Packaging group: None.
  Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.
15. REGULATORY INFORMATION

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

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Ratings

| Health | 1 |
| Flammability | 4 |
| Reactivity | 0 |

NFPA Ratings

| Health | 1 |
| Fire | 4 |
| Reactivity | 0 |

Further information
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Prepared by: SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)