RAID® WASP & HORNET KILLER 33

1. PRODUCT AND COMPANY IDENTIFICATION

**Product information**

- **Trade name**: RAID® WASP & HORNET KILLER 33
- **Use of the Substance/Preparation**: Insecticide
- **Company**: S.C. Johnson & Son, Inc.
  
  1525 Howe Street
  
  Racine, WI 53403-2236

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

---

2. HAZARDS IDENTIFICATION

**Emergency Overview**

- **Appearance / Odor**: clear / aerosol / characteristic

**Immediate Concerns**

- **Caution**
  
  FLAMMABLE: May be harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. Keep away from heat, sparks and flame.

**Potential Health Effects**

**Routes of exposure**: Eye, Skin, Inhalation, Ingestion.

- **Eyes**
  
  May cause: Mild eye irritation

- **Skin**
  
  May be harmful if absorbed through skin. May cause skin irritation.

- **Inhalation**
  
  May cause nose, throat, and lung irritation. Inhalation may cause central nervous system effects.

- **Ingestion**
  
  Aspiration hazard if swallowed - can enter lungs and cause damage.

- **Aggravated Medical Condition**
  
  Persons with pre-existing skin disorders may be more susceptible to irritating effects.
Material Safety Data Sheet
according to ANSI Z400.1-2004 and 29 CFR 1910.1200

RAID® WASP & HORNET KILLER 33

Version 1.2
Print Date 04/01/2009
Revision Date 03/26/2009
MSDS Number 350000010777

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum),</td>
<td>64742-47-8</td>
<td>60.00 - 100.00</td>
</tr>
<tr>
<td>hydrotreated light</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</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>Cis-,Trans-Cypermethrin</td>
<td>52315-07-8</td>
<td>0.05</td>
</tr>
<tr>
<td>Prallethrin</td>
<td>23031-36-9</td>
<td>0.02</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.

Skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.

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. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog, water fog.

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

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.

Flash point : estimated 22 °C

Flash point : estimated 71 °F

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available
6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.

Environmental precautions : Use appropriate containment to avoid environmental contamination.

Methods for cleaning up : Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling
Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid prolonged or repeated breathing of vapor.
Avoid contact with skin, eyes and clothing.
Do not puncture or incinerate.
Use only as directed.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

Storage
Requirements for storage areas and containers : Keep container closed when not in use.
Keep in a dry, cool and well-ventilated place.
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
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>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>-</td>
<td>30,000 ppm</td>
<td>ACGIH STEL</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>-</td>
<td>5,000 ppm</td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>9,000 mg/m3</td>
<td>5,000 ppm</td>
<td>OSHA TWA</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>-</td>
<td>400 ppm</td>
<td>ACGIH STEL</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>-</td>
<td>200 ppm</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>OSHA TWA</td>
</tr>
</tbody>
</table>

**Personal protective equipment**

**Respiratory protection**

- **Industrial setting**: Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
- **Household setting**: No personal respiratory protective equipment normally required.

**Hand protection**

- **Industrial setting**: For prolonged or repeated contact use protective gloves.
- **Household setting**: not required under normal use

**Eye protection**

- **Industrial setting**: If prolonged or repeated contact is possible: Safety glasses with side-shields
- **Household setting**: No special requirements.

**Hygiene measures**

- Use only with adequate ventilation. Wash thoroughly after handling. Keep away from food, drink and animal feedingstuffs.
9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol
Color : clear
Odor : characteristic
pH : not applicable
Boiling point : no data available
Flash point : estimated 22 °C
Flash point : estimated 71 °F
Flammability (solid, gas) : Sustains combustion
Lower explosion limit : no data available
Upper explosion limit : no data available
Vapour pressure : not applicable
Density : 0.81 g/cm³
Water solubility : insoluble
Viscosity, kinematic : no data available

10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.
Materials to avoid : Do not mix with oxidizing agents.
Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 5,000 mg/kg
RAID® WASP & HORNET KILLER 33

Acute inhalation toxicity: LC50 rat
Dose: > 5.47 mg/l

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

Chronic effects
Carcinogenicity: no data available
Mutagenicity: no data available
Reproductive effects: no data available
Teratogenicity: no data available
Sensitisation: Not known to be a sensitizer.

12. ECOLOGICAL INFORMATION
Ecotoxicity effects: Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS
Industrial setting: Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
Household setting: Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION
Land transport
- U.S. DOT and Canadian TDG Surface Transportation:
  UN-Number: 1950
  Proper shipping name: Aerosols, flammable
  Class: 2.1
  Packaging group: None.
Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)
Sea transport
- IMDG:
  - Class: 2.1
  - Packaging group: None
  - Proper shipping name: Aerosols, flammable
  - UN-Number: 1950

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

Air transport
- ICAO/IATA:
  - Class: 2.1
  - Packaging group: None
  - Proper shipping name: Aerosols, flammable
  - UN/ID No.: UN 1950

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

Global Chemical Inventories
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, or any other reproductive defects.

EPA Registration Number: 4822-553

16. OTHER INFORMATION

HMIS Ratings
RAID® WASP & HORNET KILLER 33

Version 1.2
Revision Date 03/26/2009
Print Date 04/01/2009
MSDS Number 350000010777

<table>
<thead>
<tr>
<th>Health</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

**NFPA Ratings**

| Health | 2 |
| Fire | 3 |
| Reactivity | 0 |

**Further information**

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

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