RAID MAX® SPIDER & SCORPION KILLER

1. PRODUCT AND COMPANY IDENTIFICATION

   Product information
   Trade name : RAID MAX® SPIDER & SCORPION KILLER
   Use of the Substance/Mixture : 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 : off-white / aerosol / solvent
   Immediate Concerns : Caution
                        CAUSES EYE IRRITATION.
                        Contents under pressure. Do not puncture or incinerate. Do not store at
t                        temperatures above 120 Deg. F (50 Deg C), as container may burst.
                        Keep away from heat, sparks and flame. Avoid contact with skin, eyes
                        and clothing. Avoid breathing vapors, mist or gas.

   Potential Health Effects
   Exposure routes : Eye, Skin, Inhalation, Ingestion.
   Eyes : May cause:
           Moderate eye irritation
   Skin : 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 : 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.
RAID MAX® SPIDER & SCORPION KILLER

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>(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>Imiprothrin</td>
<td>72963-72-5</td>
<td>0.10 - 1.00</td>
</tr>
<tr>
<td>Deltamethrin</td>
<td>52918-63-5</td>
<td>0.01 - 1.00</td>
</tr>
</tbody>
</table>

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

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 : Get medical attention immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

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

Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire.

Further information : Cool and use caution when approaching or handling fire-exposed containers. Fight fire from maximum distance or protected area. Wear full protective clothing and positive
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition.

Environmental precautions: Use appropriate containment to avoid environmental contamination. Do not flush into surface water or sanitary sewer system.

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

7. HANDLING AND STORAGE

Handling

Advice on safe handling: Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

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

Storage

Requirements for storage areas and containers: 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>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>-</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>
</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**: No special requirements.
- **Household setting**: No special requirements.

**Hygiene measures**

- Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing. Keep away from food, drink and animal feedingstuffs.
### 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>off-white</td>
</tr>
<tr>
<td>Odor</td>
<td>solvent</td>
</tr>
<tr>
<td>pH</td>
<td>not applicable</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 (liquid)</td>
<td>&lt; -7 °C</td>
</tr>
<tr>
<td>Flash point (propellant)</td>
<td>&lt; 20 °F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Does not sustain combustion.</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>0.89 g/cm³ at 21 °C</td>
</tr>
<tr>
<td>Water solubility</td>
<td>slightly soluble</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>no data available</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>10.5 % - 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 : Do not mix with oxidizing agents.

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

Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

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

Acute inhalation toxicity : LC50 estimated > 2.0 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

Industrial setting: PESTICIDAL WASTE: Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting: Dispose of in accordance with local regulations.

RCRA waste class: D001 (Ignitable Waste)

SCJ product category: AF: Aerosol Flammable

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: Limited quantities derogation may be applicable to this product, please check transport documents.
RAID MAX® SPIDER & SCORPION KILLER

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

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 is not subject to the reporting requirements under California’s Proposition 65.

Registration # / Agency: 4822-562/US/EPA

16. OTHER INFORMATION

**HMIS Ratings**

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>

**NFPA Ratings**

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>4</td>
<td>0</td>
<td></td>
</tr>
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</table>

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