1. PRODUCT AND COMPANY IDENTIFICATION

**Product information**

**Trade name**: TREEFROG™ INSECT REPELLENT

**Use of the Substance/Preparation**: Insect Repellent

**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**: milky white / cream / mild

**Immediate Concerns**: Caution

CAUSES EYE IRRITATION.

Avoid contact with eyes and lips.

**Potential Health Effects**

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

**Eyes**: May cause:

Moderate eye irritation

**Skin**: May cause skin reactions in rare cases.

**Inhalation**: None known.

**Ingestion**: May cause:

Abdominal discomfort.

**Aggravated Medical Condition**: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60.00 - 100.00</td>
</tr>
<tr>
<td>p-Menthane-3,8-Diol</td>
<td>42822-86-6</td>
<td>10.00</td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>36653-82-4</td>
<td>1.00 - 5.00</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Remove contact lenses. 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.

Ingestion : If swallowed, call a poison control centre or doctor immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog, Specific hazards during fire fighting : Container may melt and leak in heat of fire. Further information : Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

Flash point : Note: no data available

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

6. ACCIDENTAL RELEASE MEASURES

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. Dike large spills.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS. Use only as directed. Avoid contact with eyes and lips.
### Storage

Requirements for storage areas and containers: Keep in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

**Personal protective equipment**

**Respiratory protection**

- **Industrial setting**: No personal respiratory protective equipment normally required.
- **Household setting**: No personal respiratory protective equipment normally required.

**Hand protection**

- **Industrial setting**: not required under normal use
- **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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Form**: cream
- **Color**: milky white
- **Odor**: mild
- **pH**: no data available
- **Melting point**: no data available
Boiling point : no data available
Freezing point : no data available
Flash point : no data available
Evaporation rate : no data available
Autoignition temperature : no data available
Lower explosion limit : no data available
Upper explosion limit : no data available
Vapour pressure : no data available
Water solubility : dispersible
Partition coefficient: n-octanol/water : no data available
Specific Gravity : 0.98 estimated

10. STABILITY AND REACTIVITY

Conditions to avoid : Direct sources of heat.
Materials to avoid : Strong oxidizing agents
Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : no data available
Acute inhalation toxicity : no data available
Acute dermal toxicity : no data available

Chronic effects
Carcinogenicity : no data available
12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Not Available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Land transport

- U.S. DOT and Canadian TDG Surface Transportation:
  UN-Number: None.
  Proper shipping name: not regulated
  Class: None.
  Packaging group: None.

Sea transport

- IMDG:
  UN-Number: None.
  Packaging group: None.
  Proper shipping name: not regulated
  Class: None.

Air transport

- ICAO/IATA:
  Class: None.
  Packaging group: None.
  Proper shipping name: not regulated
UN/ID No.: None.

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

EPA Registration Number: 4822-515-85953

16. OTHER INFORMATION

HMIS Ratings

<table>
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<tr>
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<th>Rating</th>
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<tr>
<td>Health</td>
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<tr>
<td>Flammability</td>
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<tr>
<td>Reactivity</td>
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</table>

NFPA Ratings

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<th>Rating</th>
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</thead>
<tbody>
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<td>Health</td>
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</tr>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special</td>
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Further information

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TREETREEFROG™ INSECT REPELLENT

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