**SECTION 1: Identification**

### 1.1. Identification

Product form: Mixture
Trade name: ExciteR
Synonyms: EPA Reg. No.: 89459-41; 100208927; 100532781

### 1.2. Recommended use and restrictions on use

**Recommended use:** Insecticide.

**Restrictions on use:** Keep out of reach of children, Avoid contact with eyes, skin and clothing, Do not use or store near heat or open flame, Avoid release to the environment, Do NOT take internally.

### 1.3. Supplier

Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173 - United States
www.central.com

### 1.4. Emergency telephone number

Emergency number: 1-800-248-7763
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

**SECTION 2: Hazard(s) identification**

### 2.1. Classification of the substance or mixture

**GHS-US classification**

- Flammable liquids Category 4: Combustible liquid
- Skin corrosion/irritation Category 2: Causes skin irritation
- Serious eye damage/eye irritation Category 2A: Causes serious eye irritation
- Skin sensitization, Category 1: May cause an allergic skin reaction
- Aspiration hazard Category 1: May be fatal if swallowed and enters airways

### 2.2. GHS Label elements, including precautionary statements

**GHS-US labeling**

**Hazard pictograms (GHS-US):**

- GHS07
- GHS08

**Signal word (GHS-US):** Danger

**Hazard statements (GHS-US):**
- Combustible liquid
- May be fatal if swallowed and enters airways
- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye irritation

**Precautionary statements (GHS-US):**
- Keep away from heat, sparks, open flames, hot surfaces. - No smoking
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Wash hands, forearms and face thoroughly after handling
- Contaminated work clothing must not be allowed out of the workplace
- Wear protective gloves/protective clothing/eye protection/face protection
- If swallowed: Immediately call un centro de toxicología o a un médico
- If on skin: Wash with plenty of water
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Do NOT induce vomiting
- If skin irritation or rash occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Take off contaminated clothing and wash it before reuse.
- In case of fire: Use dry extinguishing powder, carbon dioxide (CO2), Water fog, foam to
2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification: This pesticide is toxic to aquatic organisms, including fish and invertebrates. This product is toxic to bees exposed to direct treatment on blooming crops or weeds.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrethrins</td>
<td>(CAS-No.) 8003-34-7</td>
<td>6</td>
</tr>
<tr>
<td>Piperonyl butoxide</td>
<td>(CAS-No.) 51-03-6</td>
<td>60</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>(CAS-No.) 64742-47-8</td>
<td>13</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>(CAS-No.) N/A</td>
<td>Balance</td>
</tr>
</tbody>
</table>

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

First-aid measures after ingestion: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Call a physician immediately. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact: Eye irritation.

Symptoms/effects after ingestion: Risk of lung edema.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media


Unsuitable extinguishing media: Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

Fire hazard: Combustible liquid.

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
6.1.2. For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.

Emergency procedures: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate area. Do NOT wash away into sewer. Avoid release to the environment.

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal. All equipment used when handling the product must be grounded.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store in a well-ventilated place. Keep cool. Store locked up. Store in original container. Keep from freezing. Protect from sunlight. Keep away from ignition sources. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C/122 °F.

Incompatible materials: Heat, sparks, open flame.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No additional information available

8.2. Appropriate engineering controls
Appropriate engineering controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment
Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Liquid
Appearance: Amber colored liquid
Color: Amber
Odor: Slight
Odor threshold: No data available
pH: 4.69 (1% solution)
Melting point: Not applicable
Freezing point: No data available
Boiling point: Not applicable
Critical temperature: 10 - 20 °C (50 to 68°F)
Flash point: > 61 °C (141.8° F)
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): Not applicable
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: 0.9 - 0.94
Solubility: Insoluble
Log Pow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosion limits: LEL: 0.6 vol %
UEL: 7 vol %
Explosive properties: Not explosive
Oxidizing properties: Not applicable

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced. Decomposes upon heating to produce toxic vapors/gases which include oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>ExciteR</th>
<th>pH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.69 (1% solution)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pyrethrins (8003-34-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>2370 mg/kg Adult male; 1030 mg/kg Adult female</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>3.4 mg/l/4h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Piperonyl butoxide (51-03-6)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>4300 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 5 mg/l/4h</td>
</tr>
</tbody>
</table>
Distillates (petroleum), hydrotreated light (64742-47-8)

LD50 oral rat  
> 5000 mg/kg

LD50 dermal rabbit  
> 5000 mg/kg

LC50 inhalation rat (mg/l)  
5 mg/l/4h

GHS-US Properties  
Classification

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ cells mutagen</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicant (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicant (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
</tbody>
</table>

Potential health effects

Inhalation

Acute: May cause upper respiratory tract irritation.

Skin

Acute: Causes skin irritation, May cause an allergic reaction in individuals with a sensitivity to piperonyl butoxide.

Eye

Acute: Causes eye irritation.

Ingestion

Acute: Aspiration hazard - small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

Mutagenicity

Pyrethrins were not found to be genotoxic and did not damage DNA in any study conducted which included: Ames assay, chromosome aberration in Chinese hamster ovaries (CHO) cells and in the unscheduled DNA synthesis (UDS) assay in cultured human liver cells. Piperonyl butoxide was not mutagenic in a battery of tests.

Carcinogenicity

Pyrethrins are not listed as a carcinogen by OSHA, IARC, or NTP, Piperonyl butoxide is not classified as carcinogen by NTP, IARC and OSHA.

Reproductive Effects

Pyrethrins did not produce any birth defects or adverse effects on reproductive parameters in tests with rats and rabbits, Piperonyl butoxide did not produce any birth defects or adverse effects on reproductive parameters in tests with rats and rabbits.

SECTION 12: Ecological information

12.1. Toxicity

Pyrethrins (8003-34-7)

<table>
<thead>
<tr>
<th>LC50 Acute fish 1</th>
<th>0.0051 mg/l (Exposure time: 96h - Rainbow trout)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Acute fish 2</td>
<td>0.016 mg/l (Exposure time: 96h - Sheephead minnow)</td>
</tr>
<tr>
<td>LC50 Acute crustacea 1</td>
<td>0.0014 mg/l (Exposure time: 96h - Mysid shrimp)</td>
</tr>
<tr>
<td>LC50 Acute crustacea 2</td>
<td>0.0116 (Exposure time: 48h - Daphnia magna)</td>
</tr>
<tr>
<td>NOEC Chronic fish 1</td>
<td>0.0019 mg/l (Fathead minnow)</td>
</tr>
<tr>
<td>NOEC Chronic fish 2</td>
<td>0.0059 mg/l (Sheepshead minnow - Estimated)</td>
</tr>
<tr>
<td>NOEC Chronic crustacea 1</td>
<td>0.00086 mg/l (Daphnia magna)</td>
</tr>
<tr>
<td>NOEC Chronic crustacea 2</td>
<td>0.0001 ml/l (Mysid shrimp - Estimated)</td>
</tr>
</tbody>
</table>

Piperonyl butoxide (51-03-6)

<table>
<thead>
<tr>
<th>LC50 Acute fish 1</th>
<th>1.9 mg/l (Exposure time: na - Rainbow trout)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Acute fish 2</td>
<td>3.94 mg/l (Exposure time: na - Sheephead minnow)</td>
</tr>
<tr>
<td>LC50 Acute crustacea 1</td>
<td>0.49 mg/l (Exposure time: na - Mysid shrimp)</td>
</tr>
<tr>
<td>LC50 Acute crustacea 2</td>
<td>0.51 mg/l (Exposure time: na - Gammarus fasciatus (amphipod))</td>
</tr>
<tr>
<td>NOEC Chronic fish 1</td>
<td>0.04 mg/l (Fathead minnow)</td>
</tr>
<tr>
<td>NOEC Chronic crustacea 1</td>
<td>0.03 mg/l (Daphnia magna)</td>
</tr>
</tbody>
</table>
12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects

| ExciteR Ecological Fate | This product is toxic to aquatic organisms, including fish and invertebrates. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. |

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN number</th>
<th>Proper Shipping Name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA1993</td>
<td>Packaging 16 lbs. or greater: Combustible liquid, n.o.s. (Petroleum distillates)</td>
<td>Combustible liquid</td>
<td>III</td>
<td>RQ = Pyrethrins = 1 lb.</td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>UN3082</td>
<td>Packaging 5 L or greater: Environmentally Hazardous Substance, Liquid, n.o.s. (Pyrethrin and Piperonyl butoxide)</td>
<td>9</td>
<td>III</td>
<td>Marine pollutant</td>
</tr>
<tr>
<td>IATA</td>
<td>UN3082</td>
<td>Packaging 5 L or greater: Environmentally Hazardous Substance, Liquid, n.o.s. (Pyrethrin and Piperonyl butoxide)</td>
<td>9</td>
<td>III</td>
<td>Acute aquatic toxicity</td>
</tr>
</tbody>
</table>

SECTION 15: Regulatory information

15.1. US Federal regulations

Pyrethrins (8003-34-7)
CERCLA RQ 1 lb listed under Pyrethrins

Piperonyl butoxide (51-03-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
SARA Section 313 - Emission Reporting 1 %

Distillates (petroleum), hydrotreated light (64742-47-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

FIFRA Labelling
EPA Registration Number 89459-41
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Signal word Caution
FIFRA Precautionary Statement KEEP OUT OF REACH OF CHILDREN.
FIFRA Hazards to Humans and Domestic Animals Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.
### FIFRA First Aid

| Have the product container or label with you when calling a poison control center or physician, or obtaining treatment. If swallowed: Call a physician, Poison Control Center, or the National Pesticide Information Center at 1-800-858-7378 immediately for treatment advice. Do not induce vomiting unless told to do so by the Poison Control Center or physician. Do not give any liquid to the person. Avoid alcohol. Do not give anything by mouth to an unconscious or convulsing person. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician, Poison Control Center, or the National Pesticide Information Center at 1-800-858-7378 immediately for treatment advice. If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a physician, Poison Control Center, or the National Pesticide Information Center at 1-800-858-7378 immediately for treatment advice. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a physician, Poison Control Center, or the National Pesticide Information Center at 1-800-858-7378 immediately for treatment advice. NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia. |

### FIFRA Environmental Hazards

| This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. For containers equal to or greater than 5 gallons: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. |

### FIFRA Physical Hazard

| Do not use or store near heat or open flame |

### 15.2. US State regulations

| No additional information available |

### SECTION 16: Other information

| Date of issue | 24 November 2014 |
| Revision date | 20 September 2017 |
| Supersedes | 05 June 2017 |

SDS US (GHS HazCom 2012) - CGP

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.