SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PRONONE® Power Pellet Herbicide
Product code: Not available
EPA no: 33560-41

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Weed killer

1.3. Details of the supplier of the safety data sheet

Pro-Serve, Inc.
3390 Winbrook Dr.
Memphis, TN 38116 - USA
T (901) 332-7052

1.4. Emergency telephone number

Emergency number: (901) 332-7052
CHEMTREC 1 (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Acute toxicity 4 (Oral)
Serious eye damage 1

2.2. Label elements

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

- GHS05
- GHS07

Signal word (GHS-US): Danger
Hazard statements (GHS-US): Harmful if swallowed. Causes serious eye damage.
Precautionary statements (GHS-US): Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection/face protection. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS US)

14 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexazinone</td>
<td>(CAS No) 51235-04-2</td>
<td>60 - 100</td>
<td>Acute Tox. 4 (Oral) Eye Irr. 2A</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystalline-free</td>
<td>(CAS No) 112945-52-5</td>
<td>0.5 - 1.5</td>
<td>Skin Irrit. 2 Eye Irrit. 2A STOT SE 3</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact: If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

First-aid measures after eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

First-aid measures after ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: On small fires use carbon dioxide (CO2), dry chemical, water spray, or foam. For large fires, let fire burn itself out since water may increase the contamination hazard. Otherwise, use water spray.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon.

5.3. Advice for firefighters

Protection during firefighting: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Methods and material for containment and cleaning up

For containment: Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up: Vacuum or sweep material and place in a disposal container. Provide ventilation.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes. Avoid breathing dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool area.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Hexazinone (51235-04-2) | ACGIH | Not applicable |

03/25/2015 EN (English) 2/5
### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Tablets</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige/Off-white</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: 10% at 45 °C (113 °F), 3% at 30 °C (86 °F)</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.
### SECTION 10: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>10.2. Chemical stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable under normal storage conditions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.3. Possibility of hazardous reactions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No dangerous reaction known under conditions of normal use.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.4. Conditions to avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.5. Incompatible materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.6. Hazardous decomposition products</th>
</tr>
</thead>
<tbody>
<tr>
<td>May include, and are not limited to: oxides of carbon.</td>
</tr>
</tbody>
</table>

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity**: Harmful if swallowed.

**Hexazinone (51235-04-2)**

- **LD50 oral rat**: 1690 mg/kg
- **LD50 dermal rabbit**: > 5278 mg/kg
- **LC50 inhalation rat**: > 7480 mg/m³/1h

**Silica, amorphous, fumed, crystalline-free (112945-52-5)**

- **LD50 oral rat**: > 3160 mg/kg

**Skin corrosion/irritation**: Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**: Causes serious eye damage.

**Respiratory or skin sensitisation**: Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**: Based on available data, the classification criteria are not met.

**Carcinogenicity**: Based on available data, the classification criteria are not met.

**Reproductive toxicity**: Based on available data, the classification criteria are not met.

**Specific target organ toxicity (single exposure)**: Based on available data, the classification criteria are not met.

**Specific target organ toxicity (repeated exposure)**: Based on available data, the classification criteria are not met.

**Aspiration hazard**: Based on available data, the classification criteria are not met.

**Symptoms/injuries after inhalation**: May cause respiratory tract irritation.

**Symptoms/injuries after skin contact**: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

**Symptoms/injuries after eye contact**: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Symptoms/injuries after ingestion**: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - general**: May cause long-term adverse effects in the aquatic environment.

#### 12.2. Persistence and degradability

**PRONONE® Power Pellet Herbicide**: Persistence and degradability Not established.
12.3. Bioaccumulative potential

| PRONONE® Power Pellet Herbicide | Bioaccumulative potential | Not established. |

12.4. Mobility in soil
No additional information available.

12.5. Other adverse effects
Effect on the global warming: No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not regulated for transport

Additional information
Other information: No supplementary information available.

Special transport precautions: Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

- Silica, amorphous, fumed, crystalline-free CAS No 112945-52-5

- Hexazinone (51235-04-2)
  - Listed on United States SARA Section 313
  - SARA Section 313 - Emission Reporting 1.0 %

15.2. US State regulations

| PRONONE® Power Pellet Herbicide | State or local regulations | This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. |

SECTION 16: Other information

Date of issue: 03/25/2015
Other information: None.

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