1. Product and Company Identification

Product Name: Pro Neutra 7
CAS #: Mixture
Product use: Neutralizer
Manufacturer: Pro Products LLC
7201 Engle Road
Fort Wayne, IN 46804-5875 US
Phone: 260-483-2519
Emergency Phone: 1-800-424-9300 (CHEMTREC)

2. Hazards Identification

Emergency overview:
CAUTION
CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
Corrosive to aluminum.

Potential short term health effects:
Routes of exposure: Eye, Skin contact, Inhalation, Ingestion.

- Eyes: May cause severe irritation.
- Skin: May cause irritation.
- Inhalation: May cause respiratory tract irritation.
- Ingestion: May cause stomach distress, nausea or vomiting.

Target organs: Eyes, Skin.
Chronic effects: Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis.

Signs and symptoms: Symptoms may include redness, edema, drying, defatting and cracking of the skin.

OSHA Regulatory Status: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects: See section 12.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Polyphosphoric acids, sodium salts</td>
<td>68915-31-1</td>
<td>3 - 7</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures:

- **Eye contact**: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

- **Skin contact**: Brush away excess of dry material. Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Obtain medical attention if irritation persists.

- **Inhalation**: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

- **Ingestion**: Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician
Symptoms may be delayed.

General advice
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties
Not flammable by WHMIS/OSHA criteria.

Extinguishing media
Suitable extinguishing media
Treat for surrounding material.

Unsuitable extinguishing media
Not available

Protection of firefighters
Specific hazards arising from the chemical
Not available

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon. Oxides of sodium. Oxides of phosphorus.

Explosion data
Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions
Do not discharge into lakes, streams, ponds or public waters.

Methods for containment
Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

7. Handling and Storage

Handling
Use good industrial hygiene practices in handling this material. Do not get in eyes, on skin or on clothing. Avoid dust formation. Avoid breathing dust. Wash thoroughly after handling.

Storage
Keep out of the reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyphosphoric acids, sodium salts</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
</tbody>
</table>
Engineering controls
General ventilation normally adequate.

Personal protective equipment
Eye / face protection Wear chemical goggles.
Hand protection Rubber gloves. Confirm with a reputable supplier first.
Skin and body protection As required by employer code.
Respiratory protection Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Form</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>pH</td>
<td>11 (5% solution)</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability limits in air, upper, % by volume</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not available</td>
</tr>
<tr>
<td>Octanol/water coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Complete</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Reacts vigorously with acids.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Do not mix with other chemicals.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Acids. Oxidizers. Magnesium. Calcium hypochlorite</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>May include and are not limited to: Oxides of carbon. Oxides of sodium. Oxides of phosphorus.</td>
</tr>
</tbody>
</table>

11. Toxicological Information

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyphosphoric acids, sodium salts</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>400 mg/m3 guinea pig</td>
</tr>
</tbody>
</table>
Component analysis - Oral LD50

**Ingredient(s)**

<table>
<thead>
<tr>
<th>Polyphosphoric acids, sodium salts</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>3053 mg/kg rat</td>
<td></td>
</tr>
</tbody>
</table>

| Sodium carbonate | 4090 mg/kg rat |

**Effects of acute exposure**

- **Eye**: May cause severe irritation.
- **Skin**: May cause irritation.
- **Inhalation**: May cause respiratory tract irritation.
- **Ingestion**: May cause stomach distress, nausea or vomiting.

**Sensitization**: Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects**: Non-hazardous by WHMIS/OSHA criteria.

**Carcinogenicity**: Not classified or listed by IARC, NTP, OSHA and ACGIH.

**Mutagenicity**: Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects**: Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity**: Non-hazardous by WHMIS/OSHA criteria.

**Name of Toxicologically Synergistic Products**: Not available

12. Ecological Information

**Ecotoxicity**

- **Ecotoxicity - Freshwater Algae - Acute Toxicity Data**
  - Sodium carbonate 497-19-8 120 Hr EC50 Nitzschia: 242 mg/L

- **Ecotoxicity - Freshwater Fish - Acute Toxicity Data**
  - Sodium carbonate 497-19-8 96 Hr LC50 Lepomis macrochirus: 300 mg/L [static]; 96 Hr LC50 Pimephales promelas: 310 - 1220 mg/L [static]

- **Ecotoxicity - Water Flea - Acute Toxicity Data**
  - Sodium carbonate 497-19-8 48 Hr EC50 Daphnia magna: 265 mg/L

**Persistence / degradability**: Not available

**Bioaccumulation / accumulation**: Not available

**Mobility in environmental media**: Not available

**Environmental effects**: Not available

**Aquatic toxicity**: Not available

**Partition coefficient**: Not available

**Chemical fate information**: Not available

**Other adverse effects**: Not available

13. Disposal Considerations

- **Disposal instructions**: Review federal, state/provincial, and local government requirements prior to disposal.
- **Waste from residues / unused products**: Not available
- **Contaminated packaging**: Not available

14. Transport Information

- **U.S. Department of Transportation (DOT)**
  - Not regulated as dangerous goods.

- **Transportation of Dangerous Goods (TDG - Canada)**
  - Not regulated as dangerous goods.

15. Regulatory Information

- **Canadian federal regulations**: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Canada - WHMIS - Ingredient Disclosure List**

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>1 %</td>
</tr>
</tbody>
</table>
### 16. Other Information

**Disclaimer**

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

**Issue date**

14-Jan-2013

**Effective date**

15-Feb-2013

**Expiry date**

15-Feb-2016

**Prepared by**

Dell Tech Laboratories Ltd.  (519) 858-5021

**Other information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.