1. Identification
   Product Identity: Powersol 100
   Recommended Use: Cleaner & Degreaser
   Producer / Distributor
   Powerboss
   600 Cardigan Road
   Shoreview, MN 55126
   Telephone Number for Information: 651-481-1900
   Emergency Telephone Number: 800-255-3924

2. Hazard Identification
   Classification:
   Health Class
   Acute Toxicity Category 5
   Skin Corrosion Category 1
   Serious Eye Damage Category 1
   Reproductive Toxicity Category 2
   Specific Target Organ Toxicity Category 1
   Physical Class
   Environment Class
   Acute Aquatic Toxicity Category 3

   Label
   Symbols
   Danger

   Signal Word
   Hazard Statements:
   May be harmful if swallowed
   Causes severe skin burns and eye damage
   Suspected of damaging fertility or the unborn child
   May cause damage to organs.
   Precautionary Statements:
   If Swallowed: Rinse mouth. Do NOT induce vomiting. Immediately Call a Poison Center or Doctor if you feel unwell.
   Wear protective gloves/clothing/eye protection/face protection.
   If On Skin (or Hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
   If Inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a Poison Center or doctor if you feel unwell.
   If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
   Store locked up.
   Dispose of contents/container in accordance with local regulations.
   Do not handle until all safety precautions have been read and understood.
   If exposed or concerned: Get medical advice/attention.
   Do not breathe dust/fume/gas/mist/ vapors/spray.
   Wash hands thoroughly after handling.
   Do not eat, drink, or smoke when using this product.
   If exposed or concerned: Call a doctor.

3. Composition/Information on Ingredients
   Ingredient   CAS Number   Percent by Weight
   Sodium Hydroxide   1310-73-2   1 - 5
   Sodium Metasilicate Pentahydrate   6834-92-0   1 - 5
   Surfactant   218141-49-2   1 - 5
   Alkyl-Imino Acid Sodium Salt   14960-06-6   1 - 5
   Water   7732-18-5   60 - 100

4. First-Aid Measures:
   Ingestion: If Swallowed: Do not induce vomiting. If person can swallow, give several glasses of water. Obtain immediate medical attention.
   Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
   Inhalation: Move to fresh air.
5. **Fire Fighting Measures:**
   - Suitable Extinguishing Media: Not Applicable
   - Special Fire Fighting Procedures: Not Applicable
   - Unusual Fire and Explosion Hazards: None are known

6. **Accidental Release Measures:**
   Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.

7. **Handling and Storage:**
   - Handling: Keep from freezing. Keep out of reach of children.
   - Storage: Normal care for storage.

8. **Exposure Controls / Personal Protection:**
   - Sodium Hydroxide
   - CAS Number: 1310-73-2
   - Osha PEL: 2 mg/M3
   - ACGIH TLV: 2 mg/M3
   - Exposure Controls:
     - Engineering Controls: Normal good ventilation is sufficient
     - Personal Protective Equipment:
       - Eye Protection: Approved Safety Goggles or Glasses
       - Skin Protection: Chemical Resistant Rubber Gloves
     - Respiratory Protection: Not required, where ventilation is sufficient to maintain vapor levels below listed TLV

9. **Physical and Chemical Properties:**
   - Physical State: Liquid
   - pH: 13 - 14
   - Appearance: Red
   - Odor: Mild
   - Specific Gravity (H2O = 1): 1.04
   - Solubility: Complete
   - Flammability: None
   - Evaporation Rate: NA
   - Flash Point: None
   - Vapor Pressure (MM HG): NA
   - Boiling Point: > 212° F (100°C)
   - %volatile: 60 - 100%
   - Vapor Density (Air = 1): < 1

10. **Stability and Reactivity:**
    - Chemical Stability: Stable
    - Possibility of Hazardous Reactions: None are known
    - Incompatibility (Materials to Avoid): None are known
    - Hazardous Decomposition or By-products: None
    - Hazardous Polymerization: Will not Occur
    - Conditions to Avoid: None are known

11. **Toxicological Information:**
    - Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.
    - Target Organ Effects: Skin, Eyes and Suspected of damaging fertility or the unborn child.
    - Chronic Effects: May cause damage to organs
    - Acute Toxicity Values:
      - Oral LD 50: 2000 - 5000 mg/kg
      - Dermal LD 50: 2000 - 5000 mg/kg
      - Inhalation (Vapor) LC 50: 20 - 50 mg/l

12. **Ecological Information:**
    - Persistence and Degradability: Not Available
    - Bio Accumulative Potential: Not Available
    - Mobility in Soil: Not Available
    - Aquatic Toxicity: Harmful to Aquatic Life
13. Disposal Considerations:
Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation Information:
- UN Number: UN3266
- Shipping Name: Corrosive, Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide)
- Transport Hazard Class: 8
- Packing Group: II
- Marine Pollutant: NO

15. Regulatory Information:
- TSCA Status: All ingredients listed
- Clean Water Act: Sodium Hydroxide (1310-73-2) is listed in the Clean Water Act as a Hazardous Substance.
- Clean Air Act: None of the chemicals in this product are listed under the CAA
- CERCLA Reportable Quantity: Sodium Hydroxide (1310-73-2), >1000 lbs.
- SARA Title III Information:
  - Section 302 Extremely Hazardous Chemicals: None Listed
  - Section 311 / 312 Hazard Category: Immediate Health
  - Section 313 Toxic Chemicals None Listed
- State Regulations: None
- International Regulations: WHMIS Controlled Product Hazard Class: E

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

<table>
<thead>
<tr>
<th>Raw Material</th>
<th>CAS No</th>
<th>Function</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Diluent</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>Builder</td>
<td>20</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>Builder</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sodium Lauriminohipropionate</td>
<td>14960-06-6</td>
<td>Detergent</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>ethylenediamine tetraacetate</td>
<td>64-02-8</td>
<td>Acid</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Colorant</td>
<td>Withheld</td>
<td>Dye</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

16. Other Information:
- Prepared By: Jeremy Waldner
- Telephone Number: 651-481-1900
- Revision Date: 1/1/2020
- Supersedes: 3/9/2015
- This SDS applies to the following Part Numbers

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