1. PRODUCT AND COMPANY IDENTIFICATION

Sample Name: One Step No-Rinse Cleanser

Recommended use: Hard Surface Cleaner

Manufacturer/Supplier: LOGIC, Inc.
PO Box 603
Trexlerstown, PA, 18087

Emergency Phone: 608-658-2866

2. HAZARDS IDENTIFICATION

GHS Classification:
- Eye Irritation - Category 2A H319
- Skin Irritation - Category 2 H315

GHS Labeling Elements

GHS Pictograms:

GHS Signal Word: Warning

GHS Hazard Statements:
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation

GHS Precautionary Statements:
- P264 – Wash exposed skin after handling
- P280 – Wear eye protection, protective gloves
- P302+P352 – If on skin: Wash with soap and water
- P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332+P313 – If skin irritation occurs: Get medical advice/attention
- P337+P313 – If eye irritation persists: Get medical advice/attention

Other Hazards not otherwise classified: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Carbonate Peroxyhydrate</td>
<td>15630-89-4</td>
<td>&gt; 40 %</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>&gt; 20 %</td>
</tr>
<tr>
<td>Sodium Citrate</td>
<td>6132-04-3</td>
<td>&gt; 10 %</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>&gt; 20 %</td>
</tr>
</tbody>
</table>
4. FIRST-AID MEASURES

Eye: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing, and any extraneous chemical and wash with plenty of water.

Ingestion: Do not induce vomiting. Seek medical attention.

Inhalation: Move to fresh air. If signs/symptoms continue, get medical attention.

5. FIRE-FIGHTING MEASURES

Fire and explosion hazards: No Data

Extinguishing media:
- Water spray
- Alcohol-resistant foam
- Carbon dioxide (CO2)
- Dry chemical

Special firefighting procedures: Wear self contained breathing apparatus for fire fighting if necessary. Keep unopened containers cool by spraying with water.

Hazardous products of combustion: Carbon oxides and sodium oxides

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up: Sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Personal precautions, protective equipment, and emergency procedures: Wear suitable protective clothing, gloves and eye protection. Evacuate unnecessary personnel.

Other emergency advice: If possible, stop flow of product.

Environmental effects: Prevent undilute entry to sewers and public waters.

7. HANDLING AND STORAGE

Handling: Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage: Keep container tightly closed in a cool, dry, well-ventilated area. Containers which are opened must be resealed after use.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use ventilation and/or enclosures to minimize dust in immediate atmosphere.

Personal Protective Equipment : Protective gloves and eye wear.

Respiratory Protection : When risk assessment shows air purifying respirators are appropriate, use a dust respirator.

Eye/Face Protection : Safety glasses with side shields, goggles, or face mask when handling bulk product. Maintain eye wash fountain in the work area.

Skin Protection : Wear impervious clothing, including boots, gloves, lab coat, apron, or coveralls, as appropriate, to prevent skin contact.

Occupational Exposure Limits : Not available

For Exposure Guidelines, see Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid (Powder)</td>
</tr>
<tr>
<td>Appearance</td>
<td>White powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Mildly alkaline</td>
</tr>
<tr>
<td>pH</td>
<td>10.5 at 1%</td>
</tr>
<tr>
<td>Specific gravity (water = 1)</td>
<td>NDA</td>
</tr>
<tr>
<td>Viscosity (CPS)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor pressure (mm Hg)</td>
<td>Negligible</td>
</tr>
<tr>
<td>Vapor density (air = 1)</td>
<td>Negligible</td>
</tr>
<tr>
<td>Boiling point</td>
<td>N/A</td>
</tr>
<tr>
<td>Freezing/melting point</td>
<td>NDA / Decomposes at &gt;60° C</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>NDA</td>
</tr>
<tr>
<td>Flammable limits in air: LFL</td>
<td>NDA</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>NDA</td>
</tr>
<tr>
<td>% volatile</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>300g/liter</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity : Stable under normal conditions.
Chemical stability : Stable under normal conditions.
Conditions to avoid : Moisture, heat, flames, and sparks. Avoid temperatures >60° C and direct sunlight.
Incompatibility : Strong acids
Strong reducing agents
Hazardous decomposition products : Carbon monoxide.
Carbon dioxide (CO2)
Hazardous polymerization : Will not occur
11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin, Eyes

Acute data (Calculated from components):
- LD50 Oral – Rat: >4000mg/kg

Chronic/carcinogenicity/mutagenicity data:
- Not carcinogenic/mutagenic

12. ECOLOGICAL INFORMATION

Ecotoxicity (Calculated from components):
- Toxicity to Fish – LC50 – Minnow: >3000mg/l, 96h
- Toxicity to Invertebrates – EC50 – Daphnia: >300mg/l, 48h

Environmental fate:
- Does not bioaccumulate. The products of degradation are less toxic than the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Contact supplier if guidance is required.

Contaminated packaging:
- Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. TRANSPORTATION INFORMATION

DOT shipping name:
- Not regulated for transport by US DOT

IATA shipping name:
- Not regulated for air transport by IATA

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA) inventory status, 8(b):
- Included

TSCA export notification requirements, 12(b):
- None

EPA SARA Title III Section 313 toxic chemicals above “de minimis” levels are:
- None

Proposition 65 listed substance(s) known to the state of California to cause cancer:
- None

Reproductive effects:
- None
16. OTHER INFORMATION

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. LOGIC, Inc. makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.