1. IDENTIFICATION

Product Identifier
Product Name Plastic and China Destainer

Other Means of Identification
Product Code 314400

Recommended Use of the Chemical and Restrictions on Use
Recommended Use Powdered detergent. For industrial use.

Details of the Supplier of the Safety Data Sheet
Midlab, Inc.
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number
Company Phone Number Phone: 1-423-337-3180
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue Physical State Powder Odor Fresh

Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity- Oral</td>
<td>Category 5</td>
</tr>
<tr>
<td>Acute Toxicity- Dermal</td>
<td>Category 5</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Category 3</td>
</tr>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>Category 2 Sub-category A</td>
</tr>
</tbody>
</table>

Signal Word Warning

Hazard Statements
May be harmful if swallowed or in contact with skin.
Causes mild skin irritation.
Causes serious eye irritation.

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves and glasses.
Do not eat, drink or smoke when using this product.

Precautionary Statements - Response
IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician 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
If eye irritation persists: Get medical advice/attention.
If skin irritation occurs or if you feel unwell: Get medical advice/attention.
Precautionary Statements - Storage
No other specific measures identified.

Precautionary Statements - Disposal
Dispose of contents/container in accordance with local, regional, or national regulation.

Hazards Not Otherwise Classified (HNOC)
None known.

Unknown Acute Toxicity
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>30-60</td>
</tr>
<tr>
<td>Sodium Percarbonate</td>
<td>15630-89-4</td>
<td>15-40</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>10-30</td>
</tr>
<tr>
<td>Nonylphenoxypolyethoxyethanol</td>
<td>68412-54-4</td>
<td>1-5</td>
</tr>
</tbody>
</table>

*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret."

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact
Exposure may cause irritation and redness. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact
Prolonged or repeated exposure may dry skin and cause irritation. Flush skin with water for 15 minutes. If irritation or rash persists, get medical attention.

Inhalation
If breathing becomes difficult, remove victim to fresh air. Call a physician if you feel unwell.

Ingestion
Rinse mouth and drink plenty of water. Do NOT induce vomiting unless directed to do so by a qualified medical personnel. Never give anything by mouth to an unconscious person. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms
Contact with eyes may cause irritation and redness. Prolonged or repeated contact may dry skin and cause irritation. Repeated contact may cause allergic reactions in very susceptible persons.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media
Not determined.

Specific Hazards Arising from the Chemical
None known.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protection recommended in Section 8.

Environmental Precautions Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Collect in a clean, dry waste container for disposal. Dispose of in accordance with federal, state and local regulations. Use a water rinse for final clean up.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Wash thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust or fume. Use only in well-ventilated areas. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride 7647-14-5</td>
<td>TWA: 15 mg/m³</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Percarbonate 15630-89-4</td>
<td>TWA: 10 mg/m³ (Inhalable fraction)</td>
<td>PEL: 5 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Carbonate 497-19-8</td>
<td>-</td>
<td>15mg/m³</td>
<td>-</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls General ventilation sufficient.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Body Protection Eye protection should be worn when splashing may occur.

Skin and Body Protection Wear suitable gloves when handling this product.

Respiratory Protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State Powder
Appearance Blue
Odor Fresh
Color | Blue | Odor Threshold | Not determined
--- | --- | --- | ---

**Property** | **Values** | **Remarks • Method**
--- | --- | ---
pH (%)
Melting Point/Freezing Point | Not determined
Boiling Point/Boiling Range | Not determined
Flash Point | None (not flammable)
Evaporation Rate | Not determined
Flammability (Solid, Gas) | Not flammable
Upper Flammability Limits | Not determined
Lower Flammability Limit | Not determined
Vapor Pressure | Not determined
Vapor Density | Not determined
Specific Gravity | 0.90
Water Solubility | Moderate in water @ 25°C
Solubility in other solvents | Not determined
Partition Coefficient | Not determined
Auto-ignition Temperature | Not determined
Decomposition Temperature | Not determined
Kinematic Viscosity | Not determined
Dynamic Viscosity | Not determined
Explosive Properties | Not determined
Oxidizing Properties | Not determined

### 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Hazardous Polymerization**
Hazardous polymerization does not occur.

**Conditions to Avoid**
Keep out of reach of children. Avoid exposure to moisture and high temperatures above 131°F.

**Incompatible Materials**
Avoid contact with acids, bases, flammable materials, and combustible materials.

**Hazardous Decomposition Products**
Thermal decomposition may result in the formation of oxygen.

### 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Product Information**

**Eye Contact**
Causes eye irritation.

**Skin Contact**
May cause skin irritation or rash.

**Inhalation**
Avoid breathing dust.

**Ingestion**
May be harmful if swallowed.

**Chronic Effects**
Excessive, long term contact may produce “soda ulcers” on hands and perforation of the nasal septum. Sensitivity reactions may occur from prolonged and repeated exposure. Risk of throat, nose bleeds and chronic bronchitis.
### Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride 7647-14-5</td>
<td>3000mg/kg</td>
<td>10000mg/kg</td>
<td>&gt;42000mg/m³ (Rat)</td>
</tr>
<tr>
<td>Sodium Percarbonate 15630-89-4</td>
<td>1034mg/kg</td>
<td>2000mg/kg</td>
<td>&gt;4580mg/m³ (Rat)</td>
</tr>
<tr>
<td>Sodium Carbonate 497-19-8</td>
<td>= 4090mg/kg (Rat)</td>
<td>2000mg/kg</td>
<td>800mg/m³ (Guinea Pig)</td>
</tr>
<tr>
<td>Nonylphenoxypolyethoxyethanol 68412-54-4</td>
<td>= 3310 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

### Information on Physical, Chemical and Toxicological Effects

#### Symptoms
Please see section 4 of this SDS for symptoms.

#### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

#### Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

#### Numerical Measures of Toxicity
Not determined

#### Unknown Acute Toxicity
None known.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride 7647-14-5</td>
<td>-</td>
<td>5840mg/L (Bluegill 96hr)</td>
<td>-</td>
<td>1661mg/L (Daphnia 48hr)</td>
</tr>
<tr>
<td>Sodium Percarbonate 15630-89-4</td>
<td>-</td>
<td>71mg/L (Fathead minnow)</td>
<td>-</td>
<td>4.9mg/L (Daphnia 96hr)</td>
</tr>
<tr>
<td>Sodium Carbonate 497-19-8</td>
<td>14mg/L (Phytoplankton 7d)</td>
<td>300-320mg/L (Bluegill 96hr)</td>
<td>-</td>
<td>265mg/L (Daphnia 45hr)</td>
</tr>
<tr>
<td>Nonylphenoxypolyethoxyethanol 68412-54-4</td>
<td>-</td>
<td>404-706 mg/L</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Persistence/Degradaibility
Not determined.

#### Bioaccumulation
Not determined.

#### Mobility
Not determined

#### Other Adverse Effects
Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

##### Disposal of Wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Carbonate 497-19-8</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>
14. TRANSPORT INFORMATION

**Note**  
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**  
Not regulated

**IATA**  
Not regulated

**IMDG**  
Not regulated

15. REGULATORY INFORMATION

**International Inventories**  
Not determined

**US Federal Regulations**

**CERCLA**  
Sodium Percarbonate: 100lbs.

**SARA 311/312 Hazard Categories**  
Immediate (Acute) Health and Delayed (Chronic) Health.

**SARA 313**  
Not determined

**US State Regulations**

**U.S. State Right-to-Know Regulations**
The following ingredients appear on various state right to know lists and/or California’s Proposition 65 list:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>State List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>NJ, PA</td>
</tr>
<tr>
<td>7647-14-5</td>
<td></td>
</tr>
<tr>
<td>Sodium Percarbonate</td>
<td>NJ</td>
</tr>
<tr>
<td>15630-89-4</td>
<td></td>
</tr>
</tbody>
</table>

AZ- Arizona Ambient Air Quality Guidelines  
CT- Connecticut Hazardous Air Pollutants  
CA- California Director's List of Hazardous Substances  
CAP65- California Prop65  
FL- Florida Substances List  
ID- Idaho Non-Carcinogen Toxic Air Pollutants  
IL- Illinois Toxic Air Contaminates- Carcinogenic  
MA- Massachusetts Right to Know List  
MN- Minnesota Hazardous Substances List  
NJ- New Jersey Right to Know List  
PA- Pennsylvania Right to Know List  
RI- Rhode Island Hazardous Substances List
### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazards</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
<tr>
<td>HMIS</td>
<td>Health Hazards</td>
<td>Flammability</td>
<td>Physical Hazards</td>
<td>Personal Protection</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Issue Date:** 08-Aug-2011  
**Revision Date:** 11-Feb-2014  
**Revision Note:** New format Version 1.0

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet