1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Super Break Plus
Product code: 42094-5
Reference number(s): 42094-15 / 42094-55
Recommended Use: Laundry Builder/Breaker

Distributor: Swisher Hygiene Inc.
4725 Piedmont Row Drive,
Suite 400,
Charlotte, NC 28210

Chemical Emergency Phone Number: 800-424-9300 (Chemtrec)
Company Emergency Phone Number: 800-444-4138

2. HAZARDS IDENTIFICATION

Emergency Overview: Mists & vapors are irritating to the eyes & skin and exposure can cause severe burns.

Appearance: Free flowing liquid
Physical state: Liquid
Odor: Characteristic

Potential Health Effects

Acute toxicity
- Eyes: Irritating to eyes
- Skin: Irritating to skin
- Inhalation: No known effect based on information supplied
- Ingestion: Severe burns.

Chronic Effects: No known effect based on information supplied

Aggravated Medical Conditions: None known.

Environmental hazard: See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Jersey Trade Secret</td>
<td>39210900-5247</td>
<td>&gt; 5</td>
</tr>
<tr>
<td>New Jersey Trade Secret</td>
<td>39210900-5248</td>
<td>&gt; 30</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

**Eye contact**
Flush eyes with cool water for 15-30 minutes and get immediate medical attention.

**Skin contact**
Wash with water for 15 minutes. See physician if irritation persists. Remove and wash contaminated clothing before re-use.

**Inhalation**
Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.

**Ingestion**
If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Notes to physician**
Treat symptomatically

5. FIRE-FIGHTING MEASURES

**Flammable Properties**
Not flammable

**Flash point**
N/A

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Hazardous Combustion Products**
Chlorine gas & related toxic gases

**Explosion Data**

- **Sensitivity to Mechanical Impact**: none
- **Sensitivity to Static Discharge**: none

**Specific hazards arising from the chemical**
Use NIOSH certified gas mask with canister for Chlorine. If possible, remove material to open air and flood with water.

**Protective Equipment and Precautions for Firefighters**
Not considered flammable. Protect from irritating mists and corrosive solutions with pressure demand, self-contained respirator and protective clothing

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Stability</th>
<th>Physical and chemical hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**
Ensure adequate ventilation

**Environmental precautions**
Try to prevent the material from entering drains or water courses

**Methods for Containment**
Contain spill, dilute with water and neutralize as required. Wash away small spills with plenty of water. Spills may be slippery.

**Methods for cleaning up**
Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

7. HANDLING AND STORAGE
Advice on safe handling: KEEP OUT OF REACH OF CHILDREN. Do not take internally. Avoid contamination of food. For industrial use only. Do not mix with anything but water. Avoid strong oxidizing agents, acids, aluminum and other soft metals.

Technical measures/Storage conditions: Store at room temperature. Keep from freezing. Keep container closed when not in use. Use with adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Review Section 3 & 4 for 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>Isopropyl alcohol 67-63-0</td>
<td>STEL: 400 ppm TWA: 200 ppm</td>
<td>TWA: 400 ppm TWA: 980 mg/m³</td>
<td>IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m³</td>
</tr>
</tbody>
</table>

Engineering Measures: Showers, Eyewash stations, Ventilation systems.

Personal Protective Equipment Institutional Environment:
- **Eye/Face Protection**: Safety glasses are suggested when using this product in heavy use and institutional environments.
- **Consumer Environments**: Care should be taken to avoid eye contact.
- **Skin and body protection**: Rubber gloves.
- **Respiratory protection**: Unnecessary in open institutional environments.
- **Hygiene measures**: Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment:
- **Eye/Face Protection**: Splash-proof chemical goggles or face shield.
- **Skin and body protection**: Impervious rubber, alkali-proof protective gloves. Impervious rubber boots & apron.
- **Respiratory protection**: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
- **Hygiene measures**: Practice good personal hygiene. Wash after handling. Shower at end of work period.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>No information available</td>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Appearance</td>
<td>Free flowing liquid</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Property Values</td>
<td>6.8</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>6.8</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>211 °F</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No information available</td>
<td>Odor</td>
<td>No information available</td>
</tr>
</tbody>
</table>
9.2 Other information

Softening point
Molecular Weight
VOC Content(%)
Density VALUE
Bulk Density VALUE
Explosive properties
Oxidizing Properties

10. STABILITY AND REACTIVITY

Stability
Incompatible products
Conditions to Avoid
Hazardous Decomposition Products
Hazardous Polymerization

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Product Information

Chronic toxicity

Target Organ Effects

12. ECOLOGICAL INFORMATION
13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging
Do not re-use empty containers

14. TRANSPORT INFORMATION

Note
Compound, Cleaning Liquid, NOS

Dot
Proper shipping name
Compound, Cleaning Liquid, NOS

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

ICAO/IATA
Not regulated

IMDG / IMO
Not regulated

RID
Not regulated

ADR/RID
Not regulated

ADN
Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA
TSCA

DSL
-
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

This product does not contain any Proposition 65 chemicals.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>no</td>
<td>Mexico: TWA 400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA 980 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 1225 mg/m³</td>
</tr>
</tbody>
</table>
Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>X</td>
</tr>
</tbody>
</table>

### 16. OTHER INFORMATION

Prepared By: Swisher Hygiene Inc.
4725 Piedmont Row Drive
Suite 400
Charlotte, NC 28210

Issuing date: 18-Oct-2011
Revision Date: 18-Oct-2011
Revision Note: No information available

Disclaimer:
The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Material Safety Data Sheet