1. PRODUCT AND COMPANY IDENTIFICATION

Product name

Swisher Fryolator Deep Fat Fry Cleaner

Product code

41828

Reference number(s)

41751

UN/ID No

UN1759

Recommended Use

Powder/Heavy Duty Cleaner

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

This product contains substances which at their given concentration, are considered to be hazardous to health.

Appearance

White powder

Physical state

Powder

Odor

Odorless

Potential Health Effects

Acute toxicity

Eyes

cause severe burns and possibly permanent tissue damage

Skin

cause severe burns and possibly permanent tissue damage.

Inhalation

Inhalation of dust or spray mist will cause coughing, respiratory tract irritation or tissue damage.

Ingestion

cause burns to the mouth and throat and cause severe abdominal pain. May be fatal

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 product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
4. FIRST AID MEASURES

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact
Flush with flowing water for 15 minutes. See physician if irritation persists.

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

Ingestion
Drink large amounts of water, DO NOT INDUCE VOMITING. Consult physician immediately for additional advice and treatment.

Notes to physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties
Not flammable

Flash point
none

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

Hazardous Combustion Products
Explosive hydrogen gas may be liberated from contact with some metals.

Explosion Data
Sensitivity to Mechanical Impact
none

Sensitivity to Static Discharge
none

Protective Equipment and Precautions for Firefighters
Dust or spray are irritating. Self contained breathing apparatus (SCBA) should be worn.

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
Transfer contaminated absorbent, soil and other materials to containers for disposal.

Methods for cleaning up
Stop spill or leak if it can be done safely. Contain spill to smallest possible area. Large spills should be recovered for disposal. Absorb on sand or other absorbent.

7. HANDLING AND STORAGE

Advice on safe handling
KEEP OUT OF REACH OF CHILDREN Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep container closed when not in use.
Technical measures/Storage conditions: Store in a cool, dry area away from combustibles and reactive chemicals. Store away from sources of ignition. Do not store at temperatures above 120 °F.

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>Sodium hydroxide</td>
<td></td>
<td>TWA: 2 mg/m^3</td>
<td>IDLH: 10 mg/m^3</td>
</tr>
<tr>
<td>1310-73-2</td>
<td></td>
<td>Ceiling: 2 mg/m^3</td>
<td></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 environment.

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>Physical state</td>
<td>powder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White powder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>12.8-13.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vapor pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Stability
Stable

Incompatible products
Acids, Amphoteric metals (such as Aluminum)

Conditions to Avoid
None known based on information supplied

Hazardous Decomposition Products
None known based on information supplied

Hazardous Polymerization
Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>45.4: 96 h</td>
<td>1350 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>4090 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chronic toxicity

Target Organ Effects
None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>45.4: 96 h Oncorhynchus mykiss mg/L LC50 static</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Toxic Corrosive</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note
Corrosive Solid, n.o.s. (Contains Sodium Hydroxide), 8, UN1759, PG II.

Dot
Regulated
Proper shipping name
Corrosive solid, n.o.s. (contains sodium hydroxide), 8, UN1759, PG II
Hazard class
8
UN/ID No
UN1759
Packing Group
II

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
Complies
NDSL
Complies
EINECS
Complies
ELINCS
-
ENCS
Complies
IECSC
Complies
KECL        Complies
PICCS       Complies
AICS        Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>no</td>
</tr>
</tbody>
</table>

Clean Water Act
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).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
Any components listed below have been assigned a reportable quantity (RQ) by the Federal EPA. Release of the product into the environment that exceed the RQ for a particular component must be reported to the National Response Center at 1-800-424-8802.
COMPONENT: Sodium Hydroxide 1000 lbs

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

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.

16. OTHER INFORMATION

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

Issuing date
11-Oct-2011

Revision Date
19-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