SAFETY DATA SHEET

1. Product and company identification

Product Name: FRYER CLEANER
UN/ID No.: UN1759 (Contains Sodium Metasilicate)

Recommended use of the chemical and restrictions on use

Recommended Use: Industrial Fryer Cleaner

Supplier: Butler Chemicals, Inc.
3070 E. Ceena CT.
Anaheim, CA. 92806

Print date: May 17, 2015

Responsible name: Kenny Bailey

In case of emergency: HEALTH EMERGENCIES — SPILL EMERGENCIES
CALL INFOTRAC 1(800) 535-5053

Product type: Mixture

2. Hazards identification

Appearance: Tan Powder  Physical State: Solid  Odor: Mild Odor

Classification

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Signal Word: Danger

Pictogram:

Hazard Statement

Harmful if swallowed
Causes severe skin burns and eye damage
May cause respiratory irritation

Precautionary Statements – Preventions

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection
Other protective measures: use good personal hygiene practices
Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing immediately call a POISON CONTROL or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth with water if person is conscious. Do not induce vomiting

Precautionary Statements – Storage
Store locked up Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements – Disposal
Disposed of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>30.58</td>
</tr>
</tbody>
</table>

4. First aid measures

Eye contact: Check for and remove any contact lenses, if easy to do so. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with emollient. If irritation persists, seek medical attention.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an antibacterial cream. Seek medical attention.

Inhalation: Remove to fresh air and allow the victim to rest in a well ventilated area. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention

Ingestion: Do NOT induce vomiting. If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

Note to physician Treat symptomatically

5. Fire-fighting measures

Flash point: N/A
Flammability of the product: None, Material is not flammable
Extinguishing media: Appropriate Foam, CO2, Water spray, Water
Suitable: Emits toxic fumes, under fire conditions
Special exposure hazards: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

Personal precautions: Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Caution May be slippery.
Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 Ecological Information. See Section 13, Disposal Considerations, for additional information.

Methods for cleaning up: Prevent further leakage or spillage if safe to do so.

Small spill: Dike and contain liquid. Absorb on sand or other absorbent. Floor may be slippery when wet.

Large spill: Dike area using protective clothing. Transfer to approved container for disposal. Pick up and transfer to properly labeled container.

7. Handling and storage

Handling: User exposure: Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

Storage: Store in a cool, dry, well ventilated area away from heat or flame. Do not destroy or deface the label on container.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls: Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

Individual-protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Eye/Face Protection</th>
<th>Chemical safety goggles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin and Body Protection</td>
<td>Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air purifying respirators are appropriate sue a full-face particle respirator type N100 (US) or type F3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.</td>
</tr>
<tr>
<td>Hand:</td>
<td>Compatible chemical-resistant gloves.</td>
</tr>
</tbody>
</table>

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid</th>
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</thead>
<tbody>
<tr>
<td>Specific Gravity (H20=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Color</td>
<td>Tan Powder</td>
</tr>
<tr>
<td>pH</td>
<td>12-13%</td>
</tr>
<tr>
<td>Boiling/condensation point</td>
<td>N/A</td>
</tr>
<tr>
<td>Reactivity in water</td>
<td>None</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Complete</td>
</tr>
</tbody>
</table>

10. Stability reactivity

<table>
<thead>
<tr>
<th>Stability</th>
<th>Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Excessive heat, direct sunlight, moisture</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>Such as aluminum, lead, zinc, tin</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>None</td>
</tr>
</tbody>
</table>

11. Toxicological information

ROUTE OF EXPOSURE: Skin Contact: Causes burns
Skin Absorption: May be harmful is absorbed through the skin
Eye Contact: Causes burns
Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.
Ingestion: May be harmful if swallowed

**SIGNS AND SYMPTOMS OF EXPOSURE**
Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Material is extremely destructive to tissue of the mucous and upper respiratory tract, eyes, and skin. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**TOXICITY DATA**
Oral Rat 847 mg/kg LD50

### 12. Ecological information

No data available

### 13. Disposal considerations

Waste disposal:
The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

### 14. Transport information

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
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<tbody>
<tr>
<td>DOT Classification</td>
<td>UN1759</td>
<td>Contains Sodium Metasilicate</td>
<td>8</td>
<td>II</td>
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</tbody>
</table>

### 15. Regulatory information

Proposition 65: Not listed

### 16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
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<tbody>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>B</td>
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</table>

*Indicates information that has changed from previously issued version.*

**Disclaimer**
The information provided in the 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 in 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.

End of Safety Data Sheet