SECTION 1: Identification

1.1. Identification
Product form: Mixture
Product name: Lead-Clean
Product code: 695

1.2. Recommended use and restrictions on use
No additional information available

1.3. Supplier
Sunnyside Corp
225 Carpenter Ave
Wheeling, IL 60090 - USA
T 800-323-8611 - F 847-541-9043
orders@sunnysidecorp.com - www.sunnysidecorp.com

1.4. Emergency telephone number
<table>
<thead>
<tr>
<th>Country</th>
<th>Organization/Company</th>
<th>Address</th>
<th>Emergency number</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>Chemtrec</td>
<td></td>
<td>1-800-424-9300</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Not classified

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
No labeling applicable

2.3. Other hazards which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate</td>
<td>(CAS-No.) 6834-92-0</td>
<td>&lt; 5</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1A, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H335</td>
</tr>
<tr>
<td>SURFACTANT GROUP</td>
<td>(CAS-No.) 68439-46-3</td>
<td>&lt; 5</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2, H319</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Wash skin with plenty of water.
First-aid measures after eye contact: Rinse eyes with water as a precaution.
First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)
No additional information available
4.3. Immediate medical attention and special treatment, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

5.2. Specific hazards arising from the chemical
Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters
Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Take up liquid spill into absorbent material.
Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections
For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>Control Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate (6834-92-0)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>SURFACTANT GROUP (68439-46-3)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls
Appropriate engineering controls: Ensure good ventilation of the work station.
Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Protective gloves

Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties
Physical state: Liquid
Color: Mixture contains one or more component(s) which have the following colour(s):
    Colourless to light green Colourless
Odor: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.
    Mixture contains one or more component(s) which have the following odour(s):
    Irritating/pungent odour Mild odour Characteristic odour
Odor threshold: No data available
pH: No data available
Melting point: Not applicable
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): Not applicable.
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: No data available
Solubility: No data available
Log Pow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosion limits: No data available
Explosive properties: No data available
Oxidizing properties: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

<table>
<thead>
<tr>
<th>Compound</th>
<th>LD₅₀ dermal rat (mg/kg)</th>
<th>LC₅₀ inhalation rat (mg/l)</th>
<th>ATE US (oral) (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate (6834-92-0)</td>
<td>&gt; 5000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Read-across)</td>
<td>&gt; 2.06 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Read-across)</td>
<td>770 mg/kg body weight</td>
</tr>
<tr>
<td>SURFACANT GROUP (68439-46-3)</td>
<td>1378 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit)</td>
<td>1378 mg/kg body weight</td>
</tr>
</tbody>
</table>

#### Skin corrosion/irritation

- Not classified

#### Serious eye damage/irritation

- Not classified

#### Respiratory or skin sensitization

- Not classified

#### Germ cell mutagenicity

- Not classified

#### Carcinogenicity

- Not classified

#### Reproductive toxicity

- Not classified

#### Specific target organ toxicity – single exposure

- Not classified

#### Specific target organ toxicity – repeated exposure

- Not classified

#### Aspiration hazard

- Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecology - general

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

<table>
<thead>
<tr>
<th>Compound</th>
<th>LC₅₀ fish 1 (mg/l)</th>
<th>EC₅₀ Daphnia 1 (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate (6834-92-0)</td>
<td>210 mg/l (Equivalent or similar to OECD 203, 96 h, Brachydanio rerio, Semi-static system, Fresh water, Experimental value)</td>
<td>1700 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Read-across)</td>
</tr>
<tr>
<td>SURFACANT GROUP (68439-46-3)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Compound</th>
<th>Persistence and degradability</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate (6834-92-0)</td>
<td>Biodegradability: not applicable.</td>
<td>Bioaccumulation: not applicable.</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>ThOD</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>SURFACANT GROUP (68439-46-3)</td>
<td>Readily biodegradable in water.</td>
<td></td>
</tr>
</tbody>
</table>

### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Compound</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate (6834-92-0)</td>
<td>Bioaccumulation: not applicable.</td>
</tr>
<tr>
<td>SURFACANT GROUP (68439-46-3)</td>
<td>No bioaccumulation data available.</td>
</tr>
</tbody>
</table>

### 12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Compound</th>
<th>Ecology - soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium metasilicate (6834-92-0)</td>
<td>No (test)data on mobility of the substance available.</td>
</tr>
</tbody>
</table>
12.5. Other adverse effects

Effect on the global warming: No known effects from this product.
GWPmix comment: No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods
Waste treatment methods: Dispose of contents/container in accordance with licensed collector’s sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)
Not regulated

Transportation of Dangerous Goods
Not regulated

Transport by sea
Not regulated

Air transport
Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

disodium metasilicate (6834-92-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

SURFACTANT GROUP (68439-46-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag: XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

15.2. International regulations

CANADA

disodium metasilicate (6834-92-0)
Listed on the Canadian DSL (Domestic Substances List)

SURFACTANT GROUP (68439-46-3)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations
No additional information available

National regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16: Other information
Full text of H-phrases:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.