Material Safety Data Sheet
May be used to comply with
OSHA’s Hazard Communication Standard,
29 CFR 1910. 1200. Standard must be
consulted for specific requirements.

IDENTITY (As Used on Label and List)
4-6 40% Liquid Hand Soap

Section I
Manufacturer’s Name
KANSAS CORRECTIONAL INDUSTRIES

Emergency Telephone Number
CHEMTREX #800-424-9300

Address (Number; Street, City, State, and Zip Code)
KANSAS DEPARTMENT OF CORRECTIONS
POST OFFICE BOX 2
LANSING, KANSAS 66043

Date Prepared
September 30, 1987

Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identify Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity. Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE PRESENT AT REQUIRED REPORTING LEVELS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section III – Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212°F</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>1.0</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N.A.</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Essentially complete</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Yellow tint; lemon pine odor</td>
</tr>
</tbody>
</table>

Section IV – Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>&gt;200°F TCC</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL N.A.</td>
</tr>
<tr>
<td></td>
<td>UEL N.A.</td>
</tr>
</tbody>
</table>

Extinguishing Media
Water, foam, and dry chemical extinguishing media may be used to neutralize fires involving this product.

Special Fire Fighting Procedures
Firefighters must wear self-contained breathing apparatus with full facepiece operated in pressure demand or positive pressure mode. Avoid allowing run-off from fire control to contaminate public waterways.

Unusual Fire and Explosion Hazards
Residues from burning of this material can be caustic. Use respiratory, eye and skin protective devices as well as adequate ventilation when cleaning up fire residues. Dusts might form explosive mixtures with air.
### Section V – Reactivity Data

<table>
<thead>
<tr>
<th>Category</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Unstable, High heat and contact with strong oxidizing agents</td>
</tr>
<tr>
<td>Stable</td>
<td>XXX</td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**

Avoid contact with acids and oxidizing agents

**Hazardous Decomposition or Byproducts**

Caustic soda, carbon monoxide, sulfur compounds

**Hazardous Polymerization**

May Occur

**Conditions to Avoid**

Contact with strong acids

***Will Not Occur***

### Section VI – Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Unlikely</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Unlikely</td>
<td>Yes</td>
<td>Possible</td>
</tr>
</tbody>
</table>

**Health Hazards (Acute and Chronic)**

- EYES: can cause irritation.
- SKIN: prolonged contact can cause irritation, defatting and dermatitis.
- INGESTION: possible gastrointestinal disturbances if large amounts are ingested. Other than the possibility of mild irritation there are no known chronic effects from use of this product in its normal, prescribed manner. Surfaces coated with soap are slippery and not safe for traffic.

**Carcinogenicity:** NTP? Not listed

**IARC Monographs?** No

**OSHA Regulated?** No

**Signs and Symptoms of Exposure**

- EYES: redness and watering of eyes.
- SKIN: redness and irritation; possibly contact dermatitis.
- INGESTION: possibly nausea, cramps, vomiting; other stomach and intestinal disturbances.

**Medical Conditions Generally Aggravated by Exposure:**

- EYES: conjunctivitis and prior irritation.
- SKIN: dermatitis and some burns.
- INGESTION: any gastrointestinal disorder including but not limited to ulcers and sore throat from colds or influenza infections.

**Emergency and First Aid Procedures:**

- EYE CONTACT: remove contact lenses, if worn; rinse eyes with water holding eyelid open.
- SKIN CONTACT: rinse skin with water.
- INGESTION: drink a large glass of water or milk, if symptoms persist or exposure was severe CONTACT A PHYSICIAN IMMEDIATELY.

### Section VII – Precautions for Safe Handling and Use

**Steps to Be Taken in Case Material is Released or Spilled**

Use waste absorbant. Contain spills such that material does not enter public waterways through storm sewers or landfill runoff.

**Waste Disposal Method**

Dilute rinse water should be handled by a licensed treatment facility. Solid waste is preferably incinerated.

**Precautions to Be Taken in Handling and Storing**

As packaged, no special precautions are necessary for ordinary handling and storage.

**Other Precautions**

This material may be toxic to aquatic lifeforms. Do not allow untreated material into public waterways.

### Section VIII – Control Measures

**Respiratory Protection (Specify Type)**

None normally needed

**Ventilation**

- Local Exhaust: NORMAL
- Mechanical (General): NORMAL
- Special: N.A.
- Other: N.A.

**Protective Gloves**

- Not required

**Eye Protection**

- Not normally required

**Other Protective Clothing Or Equipment**

None required

**Work/Hygienic Practices**

- Rinse thoroughly