MATERIAL SAFETY DATA SHEET

Texas Correctional Industry
A division of the Texas Department of Criminal Justice

**Date Issued:** January 2008
**Supersedes:** November 2007

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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** HI LITE
**General Use:** Liquid Detergent Cleaner
**Manufacturer Name:** Texas Correctional Industry
Soap & Detergent Plant
One Circle Drive
Sugar Land, Texas 77478

**Emergency Telephone Numbers**
Galveston Texas Poison Control: 1-800-764-7661
Soap & Detergent Plant Lab: 281-490-1111
MSDS available at: www.tci.tdcj.state.tx.us
Monday thru Thursday: 7 a.m. - 4 p.m.

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**SECTION 2 - HAZARDOUS INGREDIENT**

<table>
<thead>
<tr>
<th>Chemical/Common Name</th>
<th>CAS No.</th>
<th>PERCENT</th>
<th>ACGIH/OSHA</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aryl organic phosphoric acid ester</td>
<td>7664-38-2</td>
<td>&gt;10</td>
<td>N/D</td>
<td>N/D</td>
</tr>
<tr>
<td>C12-C14 linear alcohol ethylene oxide</td>
<td>68439-51-0</td>
<td>&gt;4</td>
<td>N/D</td>
<td>N/D</td>
</tr>
<tr>
<td>Ethylene oxide*</td>
<td>75-21-8</td>
<td>&lt;0.004</td>
<td>1 ppm</td>
<td>0.1%</td>
</tr>
<tr>
<td>Propylene oxide</td>
<td>75-56-9</td>
<td>&lt;0.004</td>
<td>2 ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>&lt;1.0</td>
<td>1 mg/m³</td>
<td>1%</td>
</tr>
</tbody>
</table>

N/A= Not Applicable  N/D = Not Determined

*Listed: SARA TITLE III, SECTION 313; CERCLA Reportable = 1000; Clean Air Act; RCRA
WHMIS – minimum amount necessary in a mixture to trigger reporting: 1% (hazardous chemical); 0.1% (extremely hazardous chemical)

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**SECTION 3 - PHYSICAL PROPERTIES**

Specific Gravity (water = 1) : 1.020
Solubility in Water : Complete
pH : 7 – 8.5
Boiling Point : N/D
Appearance and Odor : Pink liquid, mild odor

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**SECTION 4 - FIRE AND HAZARD DATA**

Flash Point (T.C.C.) : N/D
Flammable Limit : N/A
Physical Hazard : None
Extinguishing Media : Water, foam, dry chemicals, or carbon dioxide
Fire Extinguishing Procedure : Use of respiratory equipment is recommended in enclosed areas.
Fire and Explosive Hazard : None
SECTION 5 - REACTIVE DATA

Hazardous Decomposition : Oxides of Carbon
Stability : Stable
Incompatibility : None

SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, skin, mouth (oral)

Signs and Symptoms of Over Exposure (acute)
- Eyes : May cause eye irritation
- Skin : May cause redness or rash
- Ingestion : May cause gastrointestinal irritation
- Inhalation : N/A

Signs and Symptoms of Over Exposure (chronic) : Eye, skin irritation
Medical condition aggravated by over exposure : Not known
Carcinogen or suspect of carcinogen ingredients : None

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes : Immediately flush eyes with plenty of water for at least 15 – 20 minutes. If irritation persists, get medical attention.
Skin : Flush with copious amounts of water. Remove contaminated clothing and seek medical attention if irritation persists.
Ingestion : Rinse mouth thoroughly and drink plenty of water. Do not induce vomiting unless directed by physician.
Inhalation : Move person to fresh air if irritation, headache, drowsiness, or nausea occurs. Seek medical attention if breathing becomes difficult or if any irritation should persist.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection : This is not required with normal use.
Ventilation Requirement : Local exhaust or air movement. Maintain adequate ventilation
Protective Gloves : Yes; Nitrile, rubber, or neoprene
Eye Protection : Chemical goggles plus face shield if splashing will occur

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Adequately ventilate the area. Use a NIOSH approved respirator as necessary with high vapor concentration. Contain liquid and absorb with commercial absorbent materials. Avoid the release of large quantities into water outfalls or water treatment facilities.
Waste disposal method : Any unsalvageable material must be disposed in compliance with local, state, and federal laws and regulations. Do not dump into sewers, on the ground, or into any bodies of water.

SECTION 10 - STORAGE AND HANDLING

Store in a cool dry area. Protect this product from freezing. Keep out of the reach of children