MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT & COMPANY IDENTIFICATION (Section 1)

Product identifier: S-1360 Cleaner Deodorizer
Manufacturer: Indiana Department of Correction
PEN Products
P.O. Box 367
Michigan City, IN 46361-0367

For additional product information: (219) 872-8062
In emergency: (219) 874-7256

COMPOSITION/INFORMATION ON INGREDIENTS (Section 2)

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Component Name</th>
<th>% in mixture</th>
<th>LD50 (mg/kg) oral-rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>68424-85-1</td>
<td>Alkyl Dimethyl Benzyl Ammonium Chloride</td>
<td>10%</td>
<td>400</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1%</td>
<td>7060</td>
</tr>
</tbody>
</table>

HAZARDS IDENTIFICATION (Section 3)

Potential Health Effects

Eye: Contact is severely irritating and may cause damage to the eye.
Skin: Direct contact may produce severe irritation to the skin.
Ingestion: Ingestion of this product may be fatal. Ingestion may result in burning pain in the mouth, throat, abdomen; severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breathe; circulatory shock; and convulsions.
Inhalation: Inhalation of mists of this product may cause irritation of the mucous membranes of the mouth, throat, and upper respiratory tract.
Subchronic Effects: No data available.
Carcinogenicity: No components in this product are listed by IARC, NTP, or OSHA as suspect carcinogens.
S-1360 Cleaner Deodorizer

FIRST AID MEASURES (Section 4)

Eyes: Flush eyes for 15 minutes while holding eyelids open. Seek medical advice.
Skin: Flush with water while removing contaminated clothing and shoes. Wash clothing before reuse. If irritation persists or redness develops, seek medical attention.
Inhalation: Remove the affected person to fresh air. Seek medical attention if symptoms develop.
Ingestion: Drink large quantities of milk, egg whites, gelatin solution or, if these are unavailable, drink large quantities of water. Avoid alcohol. Seek medical attention immediately.
Note to Physician: Mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

FIRE FIGHTING MEASURES (Sec 5)

Flammable Properties
This material is not flammable. However, at elevated temperatures, flammable solvent vapors will be generated.
Hazardous decomposition products: Ammonia, carbon dioxide, carbon monoxide.

Firefighting Instructions
Firefighters must wear NIOSH/MSHA-approved positive pressure self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES (Section 6)

Containment Techniques: Attempt to reclaim as much spilled material as possible. Eliminate all ignition sources. Wear proper protective equipment during clean-up.
Cleanup Procedures: Large Spills: Contain spill. Move spilled material into containers and dispose of by approved methods for hazardous wastes.
Small Spills: Mop up and flush away with water or absorb on an inert absorbent and incinerate. Discard in accordance with all local, state, and federal regulations.

HANDLING AND STORAGE (Section 7)

Handling: Wash thoroughly after handling. Avoid contact with eyes, skin and clothing.
Storage: Keep from freezing. Store away from food and drinking water.
EXPOSURE CONTROLS/PERSONAL PROTECTION (Section 8)

Engineering Controls
Mechanical ventilation for normal operations. Local exhaust for confined spaces or where mists may be generated.

Personal Protective Equipment (PPE)

Eye/face: Splash proof safety goggles or full face shield.

Skin: Rubber or neoprene gloves. Eyewash fountain and safety shower are recommended.

Inhalation: Not normally necessary if good ventilation is maintained.

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Exposure Guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OSHA</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
</tr>
<tr>
<td>Ethanol</td>
<td>10 ppm</td>
</tr>
</tbody>
</table>

PHYSICAL AND CHEMICAL PROPERTIES (Section 9)

Odor and Appearance: Mild, clear

Physical State: Liquid

pH: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Boiling Point: Not determined

Freezing Point: Not determined

Solubility in Water: 100%

Specific Gravity: Not determined

Evaporation Rate: Not determined

Viscosity: Not determined

STABILITY AND REACTIVITY (Section 10)

Stability: This product is generally stable.

Conditions to Avoid: Mixing with strong oxidizing or reducing agents.

Incompatibility: Same as above.

Hazardous Polymerization: Will not occur.
TRANSPORT INFORMATION (Section 11)

This product is not regulated as a hazardous material by either the United States (DOT) or the Canadian (TDG) transportation regulations.

REGULATORY INFORMATION (Section 12)

United States Regulations

TSCA: All components are listed on the TSCA inventory of chemicals.

STATES: Ethanol is identified on the Right-to-Know Lists for the following states: California (Prop. 65), Florida, Massachusetts, Minnesota, New Jersey, and Pennsylvania.

International Regulations

Ethanol is regulated in the following countries: Australia, Canada (WHMIS), Germany (MAK), and Israel.

PREPARATION INFORMATION

Prepared by: ChemADVISOR, Inc.
750 William Pitt Way
Pittsburgh, PA 15238

Contact: Patricia Dsida
(412) 826-3750
(412) 826-3753 FAX

Date of Preparation: March, 1992
WARNING!
Causes skin and eye irritation.
Mists or vapors may cause respiratory tract irritation.

Precautionary Measures
Avoid contact with eyes and skin.
Wash thoroughly after handling.
Avoid breathing vapors or mists.

First Aid - Instructions in Case of Exposure
Eye Contact - Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact - Flush with water. Remove contaminated clothing. Wash clothing before reuse.

Inhalation - Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Swallowing - Give several glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

Instructions in Case of Fire
Firefighters should wear suitable protective clothing and a positive pressure self-contained breathing apparatus.

Spills & Leaks
Contain the spill and stop the source of flow. For small spills, use an inert absorbent. Flush area with water.

Handling & Storage
Store in a cool place. Store away from heat, sparks, and open flames. Store away from oxidizing agents.