Material Safety Data Sheet

IDENTITY (As Used on Label and List)

4-14 Mild Liquid Dish 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

Telephone Number for Information
913-727-3249

Date Prepared
February 23, 1996

Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity, Common Name(s))
OSHA PEL	ACGIH TLV

Other Limits Recommended	% Optional

NONE PRESENT AT REQUIRED REPORTING LEVELS

(n.e. = none established)

Section III – Physical/Chemical Characteristics

Boiling Point
212ºF

Specific Gravity (H₂O = 1)
1.1

Vapor Pressure (mm Hg.)
<10

Melting Point
N.A.

Vapor Density (AIR = 1)
>1

Evaporation Rate (Butyl Acetate = 1)
<1

Solubility in Water
Essentially complete

Appearance and Odor
Greenish liquid; lemon-lime odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)
>200ºF

Flammable Limits
N.A.

LEL
N.A.

UEL
N.A.

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
Residue 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

Stability

| Unstable | High heat and contact with strong oxidizing agents |
| Stable   | XXX                                                   |

Incompatibility (Materials to Avoid)

| Avoid contact with acids and oxidizing agents |

Hazardous Decomposition or Byproducts

| Carbon monoxide, sulfur compounds |

Hazardous Polymerization

| May Occur | Contact with strong acids |
| Will Not Occur | XXX |

Section VI – Health Hazard Data

Route(s) of Entry

| Inhalation? | YES | Skin? | YES | Ingestion? | POSSIBLE |

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. INHALATION: severe irritation, possibly coughing or sneezing.

- Medical Conditions Generally Aggravated by Exposure EYES: conjunctivitus 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. INHALATION: any prior condition.

- 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 amount of water. INHALATION: remove to fresh air. If 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

Sweep up material. Contain spills such that material does not enter public waterways through storm sewers or landfill runoff. Use personal protective devices to avoid contact.

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 due to its somewhat basic nature.

Section VIII – Control Measures

Respiratory Protection (Specify Type) None normally needed.

Ventilation

| Local Exhaust | NORMAL |
| Mechanical (General) | NORMAL |

Protective Gloves

| Not required | Eye Protection | Not normally required |

Other Protective Clothing Or Equipment None required.

Work/Hygienic Practices Rinse thoroughly.