

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.

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U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List):
Glass Cleaner – 3rd generation

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name:
KANSAS CORRECCIONAL INDUSTRIES

Emergency Telephone Number:
CHEMTREX #800-424-9300

Address (Street, City, State, and Zip Code):
KANSAS DEPARTMENT OF CORRECTIONS

Telephone Number for Information:
913-727-3249

POST OFFICE BOX 2

Date Prepared:
January 16, 2003

LANSING, KANSAS 66043

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
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This product contains no hazardous chemical substances at 1.0% or more listed in 29 CFR 1810.1200 or ACGIH Threshold Limit Values. Also, this product contains no carcinogens at 0.1% or more listed in NTP Annual Report of Carcinogens, IARC Monographs, or 29 CFR 1810.1200. No components of this product are subject to the reporting requirements of Section S13 of the Emergency Planning and Community Right-To-Know Act of 1986.

(n.e. = none established)

Section III – Physical/Chemical Characteristics

Boiling Point:	212 Degrees F	Specific Gravity (H ₂ O = 1):	1,000
Vapor Pressure (mm Hg.):	Ammonia, Less than 15@68F	Melting Point:	Approx. 30 F
Vapor Density (AIR = 1):	Ammonia Less than 1	Evaporation Rate (Butyl Acetate = 1):	<1.0
Solubility in Water:	Complete		
Appearance and Odor:	Pale blue green liquid, slight ammonia odor		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): 170 Degrees F PM	Flammable Limits:	LEL N/A	UEL N/A
Extinguishing Media:	N/A		
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards:	None		

Section V – Reactivity Data

Stability: Unstable Conditions to Avoid: Freezing
Stable X

Incompatibility (Materials to Avoid): Strong Acids

Hazardous Decomposition or Byproducts: Ammonia, Nitrogen oxides upon thermal decomposition

Hazardous Polymerization: May Occur Conditions to Avoid: None
Will Not Occur X

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? **Yes** Eyes? **Yes** Skin? **Yes** Ingestion? **Yes**

Health Hazards (*Acute and Chronic*): Skin contact may cause irritation. Eye contact may cause irritation. Ingestion may cause gastrointestinal irritation. Inhalation of vapors may cause respiratory tract irritation.

Carcinogenicity: NTP? **No** IARC Monographs? **No** OSHA Regulated? **No**

Signs and Symptoms of Exposure: Skin irritation seen as redness, itching, inflammation. Eye irritation may result in pain, redness. Ingestion may cause pain of the mouth, throat and abdomen, coughing, followed by nausea, vomiting and diarrhea. Inhalation may result in dizziness, drowsiness, difficulty in breathing.

Medical Conditions Generally Aggravated by Exposure: May aggravate a preexisting dermatitis.

Emergency and First Aid Procedures: Eye Contact: Flush with large amounts of water for 15 minutes lifting upper & lower lids occasionally. Get medical attention.
Inhalation: If affected, remove to fresh air. Administer oxygen if breathing is difficult.
Skin Contact: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.
Ingestion: DO NOT induce vomiting. Keep person warm, quiet. Get immediate medical attention.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Absorb on solid absorbent and shovel into containers for disposal. Reportable Quantity (RQ) for Aqua Ammonia is 1,000 lbs.

Waste Disposal Method: Dispose according to Federal, State and Local Laws and 40 CFR

Precautions to Be Taken in Handling and Storing: Store between 40 and 100 Degrees F.

Other Precautions: N/A

Section VIII – Control Measures

Respiratory Protection (Specify Type): Use NIOSH/M8HA approved respiratory protection if TLV(s) is exceeded.

Ventilation: Local Exhaust: Special:
Mechanical (General): Sufficient Other:

Protective Gloves: Recommended (rubber) Eye Protection: Recommended

Other Protective Clothing Or Equipment: **None**

Work/Hygienic Practices: This product is ammoniated and when diluted released ammonia vapors. Ammonia vapors are toxic to fish, birds, small animals and plants. They must be removed from the area prior to using this product.