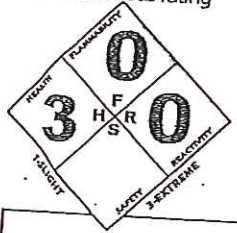


NFPA RATING  
0 = none to  
4 = hazardous rating



**ACID BOWL CLEANER**  
**S-17507-O**

DATE PREPARED: 02/19/93  
DATE REVISED: 0/0/0  
page 1 of 2

**MATERIAL SAFETY DATA SHEET (MSDS)**  
Per 29 CFR 1910.1200

**SECTION I**



PEN Products  
Indiana Department of Correction  
6075 Lakeside Boulevard  
Indianapolis, Indiana 46278

24-Hour Emergency Number - Chemtrec (800)424-9300

Toll Free: (800) PEN-2550  
Direct: (317) 388-8580

Identity (As listed on label): ACID BOWL CLEANER

HMIS Hazard Ratings:	
Health:	3
Flammability:	0
Reactivity:	0
PPE:	B

**SECTION II - HAZARDS INGREDIENTS/IDENTIFICATION INFORMATION**

Hazardous Components

	ACGIH	OTHER LIMITS	
*Phosphoric Acid	7664-38-2	1 mg/m3	STEL 3 mg/m3
*Hydrogen Chloride (hydrochloric acid)	7647-01-0	5 PPM	5 PPM ceiling

SECTION 313 SUPPLIER NOTIFICATION  
The toxic chemical(s) listed above which are marked with an (\*) are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**SECTION III - PHYSICAL & CHEMICAL PROPERTIES**

Boiling Point:	212 F
Specific Gravity (H2O=1):	1.093
Vapor Pressure (mm Hg):	Unknown
Melting Point:	Unknown
Vapor Density (Air=1):	Unknown
Evaporation Rate (water=1):	1.0
Solubility in Water:	Complete
Appearance and Odor:	Viscous green liquid, sassafras odor

**SECTION IV - FIRE & EXPLOSION HAZARD DATA**

Flash Point (Method Used):	None
Flammable Limits	
LEL	NA
UEL	NA
Extinguishing Media:	NA
Special Fire Fighting Procedures:	None Unusual
Unusual Fire and Explosion Hazards:	

Prolonged contact with soft metals such as aluminum may result in the release of flammable hydrogen gas.

**SECTION V - REACTIVITY DATA**

Stability	Stable
Conditions to Avoid:	Freezing
Incompatibility (Materials to Avoid):	Strong alkalis
Hazardous Decomposition or Byproducts:	Acid fumes
Hazardous Polymerization:	May Not Occur
Conditions to Avoid:	None



**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Yes
Ingestion	Yes
Skin	Yes (mists)
Inhalation	
Eyes	Skin contact may cause irritation or burns.
Health Hazards (Acute and Chronic):	Eye burns expected upon direct contact. Breathing of mists and/or vapors may cause respiratory irritation. Ingestion may cause severe internal irritation.
Carcinogenicity:	No
NTP	No
IARC Monographs	No
OSHA Regulated	No
Signs and Symptoms of Exposure:	Prolonged skin contact may cause redness, burning. Direct eye contact causes burns.
Medical Conditions Generally Aggravated by Exposure:	None known
Emergency & First Aid Procedures:	
Eye Contact:	Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.
Inhalation:	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. DO NOT INDUCE VOMITING. Dilute by giving water. Give Milk of Magnesia if available. Keep person warm, quiet and get immediate medical attention.
Ingestion:	

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

Steps to be Taken in Case Material is Released or Spilled: Neutralize with baking soda or soda ash. Flush to sewer with large quantities of water. Dispose according to Federal, State and Local Laws and 40 CFR.

Waste Disposal Method: Store between 40 and 120 F.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type):	None
Ventilation:	Mechanical (general) ventilation is sufficient.
Protective Gloves:	Recommended (rubber)
Eye Protection:	Recommended
Other Protective Clothing or Equipment:	None
Work/Hygienic Practices:	Do not mix with ammonia or bleach. Wash hands after handling.

**SECTION IX - OTHER INFORMATION**

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.