Material Safety Data Sheet

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Distributor Name: Elkhorn Chemical Co., Inc.  
Product Name: ELKO BOWL CLEANER

Address: One Elko Lane, PO Box 80  
Elkhorn, WI 53121

Date Prepared: 5-1-88

Emergency Telephone No.  
And Other Information Calls: 414-723-2646

Prepared by Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))  | CAS #’s  | OSHA PEL  | ACGIH TLV  | Other Limits Recommended  | % (Optional)
---|---|---|---|---|---
Hydrochloric Acid  | 7647-01-0  | N/A  | 5 ppm  | N/A  | 23.0%
N-Alkyl Dimethylbenzyl Ammonium Chloride  | 68391-01-5  | N/A  | N/A  | N/A  | 0.05

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212°F  
Specific Gravity (H₂O = 1): 1.122
Vapor Pressure (mm Hg): 30 mm @25°C  
Percent Volatile By Volume (%): > 95%
Vapor Density (AIR = 1): N/E  
Evaporation Rate (---): N/E
Solubility in Water: Complete  
Appearance and Odor: Orange color/mint fragrance

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None  
Flammable Limits: LEL N/A  
UEL N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: Release of corrosive hydrogen chloride gas may result at elevated temperatures. Reacts with oxidizers, cyanides and sulfides to form poisonous gas.

SECTION V - PHYSICAL HAZARDS

Stability: Unstable  
Stable: A  
Conditions to Avoid: Contact with light metals may generate hydrogen gas.

Incompatibility (Materials to Avoid): Ammonia; bleach - Do not mix with other chemicals.

Hazardous Decomposition Products Or Byproducts: Chlorine Gas; Hydrogen Gas

Hazardous May Occur || Conditions To Avoid: N/A
Polymerization: Will Not Occur KI

N/A (Not Applicable/Not Available)  
N/E (Not Established)
Inhalation? X
Skin? X
Ingestion? X

Health Hazards (1. Acute and 2. Chronic)
Acute - Causes chemical burns. Chronic - no information on chronic health hazard is currently available.

Chemical Listed as Carcinogen or Potential Carcinogen
National Toxicology Program Yes X
IARC Monographs Yes X
OSHA Yes X

Signs and Symptoms of Exposure
Irritation, burning of skin, mucous membranes and respiratory system.

Medical Conditions Generally Aggravated by Exposure
Persons with respiratory ailments may find those conditions aggravated during personal use of this product.

Emergency and First Aid Procedures
Eye contact - Immediately flush eye with plenty of water for 15 minutes. Get medical attention. Skin contact - Flush skin immediately with cool water. Wash with soap and water. Remove contaminated clothing. Inhalation - Remove to fresh air. Get medical attention. Ingestion - Do not induce vomiting. Give milk, water or egg whites and get medical attention immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE
Steps To Be Taken in Case Material is Released Or Spilled
Ventilate area to dissipate fumes. Contain spill and collect in approved container. Rinse with dilute bicarbonate solution to neutralize residue.

Waste Disposal Method
Waste or unused material may be rendered non-hazardous by neutralization with dilute alkaline solution. Caution - Never add concentrated alkali to this product. Triple rinse container, wrap and discard in trash.

Precautions To Be Taken In Handling And Storing
Keep container closed when not in use. Use with toilet bowl mop or applicator. Use only according to label directions. Do not mix with other chemicals.

Other Precautions
Keep out of reach of children. Avoid contact with skin or eyes. Avoid prolonged breathing of vapor.

SECTION VIII – CONTROL MEASURES
Respiratory Protection (Specify Type)
Not normally required. If sprayed use NIOSH Approved

Respirator TC-21C-279/TC-23C-736/TC-23C-745

Ventilation X
Local Exhaust Adequate Mechanical (General) --- Sp  Not required Other ---

Protective Gloves Rubber Eye Protection Face shield and/or chemical goggles

Other Protective Clothing Or Equipment Rubber apron and boots recommended

Work/Hygiene Practices
Good housekeeping practices apply.

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