

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Information

Product #: 4020
 Product Name: Industrial Bowl Cleaner
 Product Use: Disinfecting Bowl Cleaner and Deodorizer
 Manufactured For: Biokem
 37637 Five Mile Road #373
 Livonia, MI 48154

Emergency Phone #: 1-800-535-5053 Infotrac 24 hours
 Date Prepared/Updated: 2-24-06

Hazardous Material Information System (HMIS)

Health: 2
 Fire Hazard: 0
 Reactivity: 2
 Precautionary Label Statements: Corrosive Liquid

Section 2. Composition and Information on Ingredients

Ingredients	CAS#	%	Exposure Limits
Water	7732-18-5	60-70	Not Listed
Hydrochloric Acid	7647-01-0	<10	5ppm
Quaternary Ammonium Chloride	Not Available	<3	Not Listed
Nonylphenoxypolyethoxyethanol	68412-54-4	<3	Not Listed

Section 3. Hazards Identification

Route of Entry: Skin & eyes.
 Potential Acute Health Effects: Corrosive to skin and eyes.

Section 4. First Aid Measures

Eye Contact: Product is corrosive to eyes. Flush immediately with water for 15 minutes being careful to flush behind the eyelids. Remove and discard contact lenses. If possible continue to flush eyes with running water until medical attention is received.

Inhalation: Inhalation of concentrated vapors of this product is corrosive. Move victim to fresh air. Seek medical attention.

Skin Contact: Product is corrosive to skin. Immediately flush affected area with running water for 15 minutes. Remove and discard contact lenses. Chronic exposure may cause liver, kidney and/or blood disorders.

Ingestion: Immediately drink large amounts of water and seek immediate medical attention. DO NOT INDUCE VOMITING. Never give anything to drink to an unconscious person.

Section 5. Fire Fighting Measures

Flashpoint: Not Applicable Method: N/A
 Fire Fighting Media and Instructions: Extinguish with water spray or carbon dioxide; dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
 Unusual Fire and Explosion Hazards: None known

Section 6. Accidental Release Measures

Personal Precautions: Put on appropriate personal protective equipment (see section 8).
 Environmental Precautions: In the event of major spillage: Use appropriate containment to avoid environmental contamination. Collect spilled material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling: Avoid contact with skin. Rubber, Nitrile, PVC or other chemically resistant skin protection to prevent contact. Use chemical splash goggles or glasses as necessary to prevent contact. For industrial use only.

Storage: Store in a cool well ventilated area. Keep from freezing. Keep out of reach of children

Section 8. Exposure Controls & Personal Protection

Engineering Controls: None usually needed. General room ventilation is adequate
 Personal Protection:
 Eyes: Use chemical splash goggles or glasses as necessary to prevent contact. For industrial use only.
 Hands: Rubber, Nitrile, PVC or other chemically resistant skin protection to prevent contact.
 Respiratory: Avoid breathing concentrated vapors. Use only in well ventilated areas.
 Additional Measures: None specified
 Listed Carcinogen: No ingredients listed by NTP, IARC or OSHA Subpart Z
 Medical Condition Aggravated: Persons with pre-existing skin or lung disorders may be more susceptible.

Section 9. Physical and Chemical Properties

Fragrance: Cherry
 Appearance: Liquid
 Color: Pink
 pH: <1.0
 Specific Gravity: 1.10
 Boiling/Condensation Point: 213 Degrees F
 Melting/Freezing Point: Not Known
 Solubility in Water: Complete at 25 Degrees C

Section 10. Stability and Reactivity

Stability and Reactivity: Stable
 Conditions of Instability: None Known
 Incompatibility with Various Substances: Acids, oxidizing agents, and any uncontrolled contact with water.
 Decomposition Products Hazardous Polymerization: When exposed to fire: normal products of combustion.

Section 11. Toxicological Information

Effects of Chronic Exposure: Chronic exposure may cause liver, kidney and/or blood disorders.

Section 12. Ecological Information

Section 13. Disposal Considerations

Waste Information: Dispose of all wastes according to all federal, state and local legislation

Section 14. Transport Information

DOT Classification: Corrosive Liquid, Addic, Inorganic, NOS (Containing Hydrochloric Add), 8, UN 3264, PG II.

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

U.S. Regulation: Not Regulated

Federal: Not Regulated

State: Not Regulated

Registered Product Information: EPA Registered Product

Sara Section 313: Toxic Release Inventory Reporting

The reportable quantity for Hydrochloric Acid is 5000 lbs. per CERCLA.

Sara Section 312 Registered: Immediate (Acute), Delayed (Chronic) Health Hazards, Reactive Hazard
 Product Information:

Section 16. Other Information

Other Special Considerations: None reported

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Product#

4020