

MATERIAL SAFETY DATA SHEET

| <p>Section 1. Chemical Product and Company Information</p> <p>Product #: RB 309 Product Name: Hydro Blue Product Use: Bowl Cleaner and Deodorizer Distributor Name: Empire Industries Distributor Address: 312 Swynford Court Brentwood, TN 37027 Emergency Phone #: 1-800-535-5053 Infotrac 24 hours Date Prepared/Updated: 9-22-06 Hazardous Material Information System (HMIS) Health: 2 Fire Hazard: 0 Reactivity: 2 Precautionary Label Statements: Danger Corrosive Liquid</p> <p>Section 2. Composition and Information on Ingredients</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Ingredients</th> <th>CAS#</th> <th>%</th> <th>Exposure Limits</th> </tr> </thead> <tbody> <tr> <td>Water</td> <td>7732-18-5</td> <td>60-70</td> <td>Not Listed</td> </tr> <tr> <td>Ethylene Glycol n-Butyl Ether</td> <td>111-76-2</td> <td><10</td> <td>20 ppm TWA8 ACGIH (skin) 50 ppm TWA8 OSHA (skin)</td> </tr> <tr> <td>Hydrochloric Acid</td> <td>7647-01-0</td> <td><10</td> <td>5ppm</td> </tr> <tr> <td>Diethylene Glycol</td> <td>111-46-6</td> <td><3</td> <td>50ppm</td> </tr> <tr> <td>Phosphoric Acid</td> <td>7664-38-2</td> <td><3</td> <td>1mg/m³ TWA8 / 3mg/m³ STEL ACGIH 1mg/m³ TWA8 / 3mg/m³ STEL OSHA</td> </tr> <tr> <td>Nonylphenoxypolyethoxyethanol</td> <td>68412-54-4</td> <td><3</td> <td>Not Listed</td> </tr> </tbody> </table> <p style="text-align: center;">TWA8 = 8 Hour Time Weighted Average STEL = Short Term Exposure Limit</p> <p>Section 3. Hazards Identification</p> <p>Route of Entry: Skin & eyes. Potential Acute Health Effects: Corrosive to skin and eyes.</p> <p>Section 4. First Aid Measures</p> <p>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.</p> <p>Section 5. Fire Fighting Measures</p> <p>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</p> | Ingredients | CAS# | % | Exposure Limits | Water | 7732-18-5 | 60-70 | Not Listed | Ethylene Glycol n-Butyl Ether | 111-76-2 | <10 | 20 ppm TWA8 ACGIH (skin) 50 ppm TWA8 OSHA (skin) | Hydrochloric Acid | 7647-01-0 | <10 | 5ppm | Diethylene Glycol | 111-46-6 | <3 | 50ppm | Phosphoric Acid | 7664-38-2 | <3 | 1mg/m ³ TWA8 / 3mg/m ³ STEL ACGIH 1mg/m ³ TWA8 / 3mg/m ³ STEL OSHA | Nonylphenoxypolyethoxyethanol | 68412-54-4 | <3 | Not Listed | <p>Section 9. Physical and Chemical Properties</p> <p>Fragrance: Mint Appearance: Liquid Color: Dark Blue pH: <1.0 Specific Gravity: 1.04 Boiling/Condensation Point: 213°F Melting/Freezing Point: Not Known Solubility in Water: Complete at 25°C</p> <p>Section 10. Stability and Reactivity</p> <p>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.</p> <p>Section 11. Toxicological Information</p> <p>Effects of Chronic Exposure: Chronic exposure may cause liver, kidney and/or blood disorders.</p> <p>Section 12. Ecological Information None Known</p> <p>Section 13. Disposal Considerations</p> <p>Waste Information: Dispose of all wastes according to all federal, state and local legislation</p> <p>Section 14. Transport Information</p> <p>DOT Classification: Corrosive Liquid, Acidic, Inorganic, NOS (Containing Hydrochloric Acid and Phosphoric Acid), 8, UN 3264, PG II.</p> <p>Section 15. Regulatory Information</p> <p>Reporting in this section is based on ingredients disclosed in Section 2</p> <p>U.S. Regulation: Not Regulated Federal: Not Regulated State: Not Regulated</p> <p>Registered Product Information: Not registered Sara Section 313: Toxic Release Inventory Reporting Contains 4.5.0% Glycol Ethers. The reportable quantity for Hydrochloric and Phosphoric Acids is 5000 lbs. each per CERCLA.</p> |
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| Nonylphenoxypolyethoxyethanol | 68412-54-4 | <3 | Not Listed | | | | | | | | | | | | | | | | | | | | | | | | | | |

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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.

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

Section 16. Other Information

Other Special Considerations: None reported

Manufacturer: Midlab, Inc.

Address: 280 Industrial Park Road, Sweetwater, TN 37874

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Product #0309

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