MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Clinging Bowl Cleaner DIN 8	**Product Use:**	
Manufacture:	The Deirdre Imus Environmental Center Hackensack University Medical Center	**Supplier:**	
Address:	30 Prospect Ave. Hackensack, NJ 07601	**Address:**	
Telephone:	(201)-336-8159	**Telephone:**	

SECTION II – INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD_{50}
Water	7732-18-5	60-100	Not applicable	Not applicable	14500 mg/kg (oral, rat)
Organic salt	506-89-8	1-7	Not applicable	Not applicable	1121 mg/kg (oral, rat)
Alcohol ethoxylate	68991-48-0	1-7	Not applicable	Not applicable	>2000 mg/kg (oral, rat)
Sodium lactate	867-56-1	0-1	Not applicable	Not applicable	Not available
Fragrance	Mixture	0-1	Not applicable	Not applicable	>5000 mg/kg (oral, rat)
Xanthan gum	11138-66-2	0-1	Not applicable	Not applicable	>5000 mg/kg (oral, rat)
US Green	Mixture	0-1	Not applicable	Not applicable	Not available

SECTION III – HAZARDS IDENTIFICATION

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.
Potential Health Effects:
Eye Contact: Contact with liquid can cause burns to the eyes.
Skin Contact: May cause mild to moderate irritation to those people with sensitive skin.
Inhalation (of mist): No hazards under normal conditions of use. Prolonged exposure may cause nose, throat and respiratory tract irritation.
Chronic Effects/Carcinogenicity:
Carcinogenicity: No ingredients listed by IRAC or NTP.

SECTION IV – FIRST AID MEASURES

Eye Contact: Flush with water for 15 minutes. Seek medical attention if irritation persists.
Skin Contact: Flush with water. Seek medical attention if irritation develops.
Inhalation: Remove to fresh air and take deep, slow breaths. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Seek medical attention if symptoms persist.

SECTION V – FIRE FIGHTING MEASURES

Flammability: Not flammable by WHMIS criteria. **Flash Point:** (deg C, TCC): None
Hazardous Combustion Products: Oxides of carbon.
Means of Extinction: Treat for surrounding material.
Special Fire Hazards: None known to us at this time.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. For large quantities, dispose of in accordance with local, state/provincial and federal laws.

SECTION VII – HANDLING AND STORAGE

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Store in closed container. Store away from incompatible materials.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: If prolonged/repeated contact can occur, use protective gloves.
Eye protection: Where direct eye contact may be a problem, use chemical splash goggles.
Respiratory protection: Not normally required if good ventilation is maintained.
Other protective equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg C): NA **Specific Gravity (H_2O =1):** 1.03 **Evaporation Rate (Water=1):** Similar
% Volatile (Wt%): >50 **Solubility in water:** Soluble **pH (as supplied):** <1.0
Physical State: Liquid **Viscosity:** Water thin **Appearance/Odor:** Green, natural

SECTION X – STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable
Incompatible Materials: May be extremely hazardous in contact with chlorates and nitrates. Contact with hypochlorites will liberate toxic gas. Contact with alkali materials will generate heat. Strong oxidizing agents.
Hazardous Decomposition Products: Oxides of carbon.

SECTION XI – TOXICOLOGICAL INFORMATION

This product may cause irritation to the eyes or skin upon prolonged contact.

SECTION XII – ECOLOGICAL INFORMATION

Aquatic Acute Toxicity:.

SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local state/provincial and federal regulations.

SECTION XIV - TRANSPORTATION

T.D.G. Classification: Corrosive Liquid, Acidic, Inorganic, N.O.S. Urea Monohydrochloride, UN3265, PG III
D.O.T. Classification: Corrosive Liquid, Acidic, Inorganic, N.O.S. Urea Monohydrochloride, UN3265, PG III

SECTION XV – REGULATORY IFORMATION

Occupational Health and Safety Regulations:
WHMIS Class: D2B, non-corrosive to the skin and eyes.
OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations Under the Hazardous Product Act).
Environmental Regulatory Lists:
SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of these ingredients are listed.
CERCLA – Section 102 (Reportable Quantity) 40 CFR 302 - None of these ingredients are listed.
RCRA 40 CRT 261 (Subpart D) – None of these ingredients are listed.
CLEAN WATER ACT – Section 311 (Reportable Quantity) 40 CFR 116: None of these ingredients are listed.
CLEAN AIR ACT – Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C) – None of these ingredients are listed.
National Pollutant Release Inventory – None of the ingredients are listed.
Toxic Substance Control Act (TSCA) – All ingredients are listed on the Chemical Substance Inventory.
Canadian Domestic Substance List (DSL) - All the ingredients are listed on the DSL.

SECTION XVI – OTHER INFORMATION

Date: January 03, 2005 **Prepared by:** Technical Services Group **Telephone:** (705)-740-2880