

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION				
NFPA Rating: Health-3; Flammability-0; Reactivity-1 Personal Protection-H				
Manufacturer's Name: MKG Sales Associates, Inc. Address: Medford Industrial Park, 130 Miller Rd. Medford, NJ 08055			Identity (trade name as used on label): Bowl Cleaner High Acid Quarts	
Date Prepared: 11/12/96		Prepared By: RR		MSDS Number: 2025500
Information Calls: (609)-953-4700 EMERGENCY RESPONSE NUMBER: 419-841-6616			NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION				
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)				
	CAS Number	OSHA PEL (ppm)	ACGIH TLV (ppm)	%
*Hydrochloric Acid	7647-010	5	5	23.0
Nonoxynol	9016-45-9	N/A	N/A	1.0
*This chemical is subject to the reporting requirements for section 313 of Title III of the superfund amendments and reauthorization act of 1986 and 40 CFR Part 372.				
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS				
Boiling Point: 212 F		Specific Gravity (H2O = 1): 1.120		
Vapor Pressure: N/E		% Volatile: >95%		
Solubility in Water: Complete		Evaporation Rate (H2O = 1): >1		
Appearance and Odor: Pink Liquid/ Pungent				
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA				
Flammable Limits		LEL: N/A	UEL: N/A	
FLASH POINT AND METHOD USED (°F): None		Extinguishing Media: Water, CO2, Foam or media suitable for surrounding fire.		
Unusual Fire & Explosion Hazards: None known				
Special Fire Fighting Procedures: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.				
SECTION 4 - REACTIVITY HAZARD DATA				
STABILITY (X) STABLE () UNSTABLE		HAZARDOUS POLYMERIZATION () WILL (X) WILL NOT OCCUR		
Incompatibility (Mat. to avoid): Do not mix with chlorine bleach or other chemicals.		Condition to avoid: None known.		
Hazardous Decomposition Products: Thermal decomposition on burning may produce toxic vapors or gases, chlorine gas, hydrogen gas.				
SECTION 5 - HEALTH HAZARD DATA				
Health Hazards (1. Acute and 2. Chronic)		Primary Routes of Exposure: Inhalation, skin, ingestion		
1. Acute: Harmful or fatal if swallowed. Eye and skin irritant. Causes permanent damage if not treated promptly.				
2. Chronic: None known				
Signs and symptoms of overexposure: Irritation or burning sensation.				
EMERGENCY FIRST AID PROCEDURES				
Eye Contact: Flush immediately with water for 15 minutes. Get medical attention.				
Skin Contact: Flush with water for 15 minutes. Remove and wash contaminated clothing.				
Ingestion: Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.				
Inhalation: Move to fresh air. Get medical attention.				
Medical conditions aggravated by exposure: May aggravate skin disorders or respiratory ailments.				
SECTION 6 - CONTROL AND PROTECTIVE MEASURES				
Respiratory Protection: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respirator protection to prevent over exposure. An approved acid respirator would be recommended.				
Protective Gloves: Water impervious (latex, neoprene)*		Eye Protection: Chemical resistant goggles or face shield.		
Ventilation Requirements: Local exhaust: As necessary; Mechanical (General): As adequate				
Other Protective Clothing & Equipment: Not required, eye wash recommended.				
Work/ Hygiene Practices: Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.				
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE				
Steps To Be Taken If Material Is Spilled Or Released: Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of sewer or waterways. Hold for disposal				
Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container, and recycle.				
Precautions To Be Taken In Handling & Storage: Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.				
Other Precautions &/or Special Hazards: Use only according to label directions. If unsure about safe use, contact you supervisor immediately.				

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only