

# 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						
<b>NFPA Rating:</b> Health-3; Flammability-0; Reactivity-0; Special- Corrosive			<b>HMIS Rating:</b> Health-1; Flammability-0; Reactivity-0; Personal Protection-B			
Manufacturer's Name: <b>VERAX CHEMICAL CO.</b> Address: 20102 Broadway Ave. Snohomish, WA 98296			DOT Hazard Classification: Non Hazardous Identity (trade name as used on label): <b>LUSTY Bowl Porcelain &amp; Tile Cleaner</b>			
Date Prepared: 03/31/2004		Prepared By: GP		MSDS Number: LUS Revision -2		
Information Calls: (425) 481-5353			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
<b>EMERGENCY RESPONSE NUMBER: 1(425) 481-5353</b>						
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		Hazard	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Phosphoric Acid (5-15%)				1 mg/m3	1 mg/m3	
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> ca 212°F			<b>Specific Gravity (H2O=1):</b> 1.07			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): ND			<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> ND			
<b>Vapor Density (Air = 1):</b> ND			<b>Evaporation Rate (water = 1):</b> ca 1			
<b>Solubility in Water:</b> Complete			<b>pH (Concentrate):</b> 1.8			
<b>Appearance and Odor:</b> Heavy bodied blue liquid with pleasant odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		<b>Auto Ignition Temperature</b> N/A		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A % UEL: N/A		
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> None			<b>EXTINGUISHER MEDIA:</b> Any suitable media for surrounding fire			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None						
<b>Unusual Fire &amp; Explosion Hazards:</b> None						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR			
<b>Incompatibility (Mat. to avoid):</b> Strong alkalis.			<b>Conditions to Avoid:</b> Extreme heat or cold.			
<b>Hazardous Decomposition Products:</b> May form phosphorous compounds.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b> Eye contact may cause irritation. Extensive exposure may cause burns.						
<b>Skin contact:</b> Repeated or prolonged contact may cause moderate irritation, defatting, dermatitis.						
<b>Inhalation:</b> Irritation of nose, throat and respiratory system.						
<b>Ingestion:</b> May cause severe gastrointestinal irritation and damage to mucous membranes.						
<b>CHRONIC EFFECTS:</b> None known.						
<b>Carcinogens:</b> None Known to be present						
<b>Signs and Symptoms of Exposure:</b> Irritation.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> None known.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes while lifting eyelids. If irritation persists get medical attention.						
<b>Skin Contact:</b> Wash with soap and water. Remove contaminated clothing. Launder before re-use. Get medical attention as soon as possible.						
<b>Inhalation:</b> Remove to fresh air. If not breathing give artificial respiration and call a physician.						
<b>Ingestion: DO NOT INDUCE VOMITING.</b> Give one teaspoon or more of magnesia chalk, whiting or wall plaster, or small pieces of soap softened with water, in milk, mucilage or raw egg white. Call a physician.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None if adequate ventilation is maintained.						
<b>Protective Gloves:</b> Recommended.			<b>Eye Protection:</b> approved safety glasses.			
<b>Ventilation Requirements:</b> None.						
<b>Other Protective Clothing &amp; Equipment:</b> Ordinary work clothing. Do not wear clothes soaked by product.						
<b>Hygienic Work Practices:</b> Handle with EXTREME care. Ordinary good housekeeping procedures. Wash hands thoroughly after handling. Avoid food contamination. KEEP OUT OF REACH OF CHILDREN. Read product directions before use.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Halt spill at source if possible; bicarbonate of soda or soda ash may be used to neutralize the spill area; clean up spill area by flushing, mopping, squeegee or vacuum; flush with water to remove any residue.						
<b>Waste Disposal Methods:</b> Under EPA's Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA - "Superfund"), this product is not by EPA's definition a toxic chemical and its flashpoint is above 140°F. Therefore it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with any applicable Local, State and Federal regulations.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not contaminate food. Keep out of reach of children. Wash hands after using. Do not wear clothes soaked by product until laundered.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Dilute by adding product to water. Keep container tightly closed when not in use.						
SECTION 8 - TRANSPORTATION REQUIREMENTS (D.O.T. Classification)						
Shipping Name: Corrosive Liquid NOS Hazard Class: 8 I.D. No: UN1760 Pkg. Group II (Phosphoric acid/hydrofluoric acid)						

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