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-1; Flammability-0; Reactivity-0; Special -	**HMIS Rating:** Health-1; Flammability-0; Reactivity-0; Personal Protection-B
Manufacturer's Name: **VERAX CHEMICAL CO.** Address: 20102 Broadway Ave Snohomish (Maltby), WA 98296	**DOT Hazard Classification:** Non-Hazardous **Identity** (trade name as used on label)**:** **LUSTRO GLASS CLEANER**
Date Prepared: 03-24-03 Prepared By: GP	**MSDS Number:** LUG Revision - 1
Information Calls: (425)481-5353 **EMERGENCY RESPONSE NUMBER: 1(800)637-7771**	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)	Hazard	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Isopropanol	Flammable			400	
Ammonia			35 mg/CuM	18 mg/CuM	

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Est. 204ºF	**Specific Gravity** (H2O=1): 0.99
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/D
Vapor Density (Air = 1): N/D	**Evaporation Rate** (water = 1): >1
Solubility in Water: Completely soluble in water	**Water Reactive:** No

Appearance and Odor: Clear, blue liquid with slight ammonia odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature None	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A

FLASH POINT AND METHOD USED (non-aerosols): None to boiling (TCC) **EXTINGUISHER MEDIA:** Use media compatible with surrounding fire.	**SPECIAL FIRE FIGHTING PROCEDURES:** Use procedures applicable to surrounding fire.

Unusual Fire & Explosion Hazards: None known.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE	**HAZARDOUS POLYMERIZATION** [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Do not mix with bleach, as hazardous chlorine gas may be formed	**Conditions to Avoid:** None

Hazardous Decomposition Products: May form, in minute quantities, carbon dioxide and carbon monoxide..

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [X] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS:

Inhalation: Not considered an entry route.

Eye Contact: May cause severe irritation, redness, tearing, blurring vision..	**Skin Contact:** Prolonged or repeated contact can cause moderate dryness & irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting, diarrhea..

CHRONIC EFFECTS: None known.

Medical Conditions Generally Aggravated by Exposure: None known.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes holding lids open. If irritation persists seek medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. If persistent irritation occurs, get medical attention.

Inhalation: Remove to fresh air and provide oxygen or artificial respiration if needed. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Drink 2 glasses of water. Consult a physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None generally needed under normal handling and use conditions.

Protective Gloves: Use rubber gloves when handling concentrate.	**Eye Protection:** Safety glasses.

Ventilation Requirements: None.

Other Protective Clothing & Equipment: None.

Hygienic Work Practices: Do not work in soaked clothing. Wash after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Clean up by flushing with water, mopping, squeegee or vacuum..

Waste Disposal Methods: 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 accordance with all local, state and federal regulations.

Precautions To Be Taken In Handling & Storage: No special requirements.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.

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