

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-2; Reactivity-0 Special-0			HMIS Rating: Health-1; Flammability-2 Reactivity-0; Personal Protection-B			
Manufacturer's Name: Verax Chemical Company Address: 20102 Broadway Avenue. Snohomish, WA 98296			DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): <b style="text-align: center;">GLISS-N Glass Cleaner			
Date Prepared: 03-10-2003		Prepared By: GP		MSDS Number: GLI 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 (5-15%)		Flammable		400 ppm	400 ppm	
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: ~200° F			Specific Gravity (H2O=1): .975			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/D			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D			
Vapor Density (Air = 1): N/D			Evaporation Rate (= 1): <1			
Solubility in Water: Completely Soluble in waer						
Appearance and Odor: Clear green liquid; Mint.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/D		Flammability Limits in Air by % in Volume: % LEL: N/D % UEL: N/D		
FLASH POINT AND METHOD USED (non-aerosols): None			EXTINGUISHER MEDIA: Use water or agent suitable for fires adjacent to non-leaking containers.			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus approved by NIOSH and full protective clothing. Use water spray to keep containers cool.						
Unusual Fire & Explosion Hazards: None known.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Avoid contact with strong oxidizing agents.			Conditions to Avoid: None known			
Hazardous Decomposition Products: May form, in minute quantities, carbon dioxide and carbon monoxide.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS:						
Inhalation: Excessive inhalation may cause nasal & respiratory irritation, dizziness, weakness, fatigue, nausea, headache.						
Eye Contact: May cause severe irritation, redness, tearing, blurring vision.			Skin Contact: Repeated or prolonged contact may cause moderate irritation, defatting, dermatitis.			
Ingestion: May cause gastrointestinal irritation, nausea, vomiting, diarrhea.						
CHRONIC EFFECTS: Overexposure to isopropanol (one of the ingredients) has apparently been found to cause the following effects in laboratory animals: liver abnormalities, kidney damage.						
Medical Conditions Generally Aggravated by Exposure: None known						

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with plenty of water for 15 minutes, lifting upper and lower lids. If irritation persists seek medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing.

Inhalation: If affected, remove to fresh air and if unconscious, call a physician.

Ingestion: Do not induce vomiting. Give 2 glasses of water. Consult a physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None if vapor concentrate kept below TLV.

Protective Gloves: Not required.

Eye Protection: Safety Glasses

Ventilation Requirements: None required in excess to normal ventilation.

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: Dispose of in accordance with 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