

MATERIAL SAFETY DATA SHEET

(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable
Not Est. = Not Established
Prop. = Proprietary

SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

Product Name: 20X Glass and Window Cleaner Concentrate
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMIS Hazard Code: Health: 3 Flammability: 3 Reactivity: 0 Other: 0
Chemical Family: Concentrated Glass Cleaner
D.O.T. Shipping Name: Flammable Liquid n.o.s. (contains isopropanol)

Product #: 1325
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: 3 **D.O.T. ID#:** UN1993

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
Isopropyl Alcohol	67-63-0	PROP.	400 ppm
2-Butoxy Ethanol	111-76-2	PROP.	25 ppm
2-Amino Ethanol	141-43-5	PROP.	3 ppm

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 180
Vapor Pressure: = 120mm Hg @ 100°F
Vapor Density: 2
Solubility in Water: Complete
Appearance: Thin, Clear, Blue Liquid
Odor: Slight Alcoholic

Specific Gravity: 0.840
Evaporation Rate: 2,N-Butylacetate = 1

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (°F): 76°F (TCC)

Flammable Limits: Not Est.

Unusual Fire & Explosion Hazards: Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water. Water spray may be ineffective in fire fighting.

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.

Effects of Overexposure: Vapors irritate eyes, nose, and throat. Liquid will damage eye tissue. Harmful if swallowed. If ingested may cause gastric distress and systemic intoxication.

Emergency & First Aid Procedures: **For Eyes:** Flush eyes with water for at least fifteen minutes. If irritation persists seek medical attention.

For Skin: Wash skin thoroughly with soap and water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give water. Seek medical attention. **Inhalation:** Remove to fresh air and if breathing has stopped give artificial respiration. Keep individual calm. Seek medical attention. Never give anything by mouth to an unconscious person.

Conditions Aggravated by Exposure: May aggravate pre-existing pulmonary condition.

Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Incompatibility: Avoid contact with alkylene oxides, acid anhydrides, inorganic acids, organic acids, halogens, phosphorus trichloride, aldehydes, monomers, polymerizable esters, hydrogen with palladium.

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Shut off source if possible to do so without hazard. Eliminate sources of ignition. Prevent liquid from entering sewers, water sources, or low areas.

Waste Disposal Method: Follow local, state, and federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Generally Not required

Ventilation: Local

Protective Gloves: Latex or rubber

Eye Protection: Chemical Goggles

Other Protective Equipment: None

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store away from heat, sparks, or other sources of ignition. Do not block entrances.

Other Precautions: Keep out of reach of children. For professional use only.

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Date Prepared – 10/5/00 By: G.C.