

Analab Inc.
59 Davis Avenue
Norwood MA 02062
781-769-8830

MATERIAL SAFETY DATA SHEET
 (Complies with 29 CFR 1910:1200)

Hazard Rating			Health	1
			Fire	2
Minimal 0	Slight 1	Severe 4	Reactivity	0
Moderate 2	Serious 3			

SECTION 1: PRODUCT IDENTIFICATION

Chemical Name: **Chemical Family:** Liquid Alkaline Detergent
Trade Name: New Image Glass Cleaner Concentrate **Date Issued:** 04/16/02

SECTION 2: HAZARDOUS INGREDIENTS

As listed in EPA 40 CFR Parts 261 & 116 and/or Mass DEQE 105 CMR 670.00

Chemical Name	CAS #	% by Weight	Hazard Data
* Ethylene Glycol Monobutyl Ether	111-76-2	64.0	TLV – 50 ppm
* Isopropyl Alcohol	67-63-0	8.0	OSHA(TWA) 400 ppm ACGIH(TWA) 400 ppm

*This substance is a chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TLV = Threshold Limit Value (Allowable maximum airborne concentration)

TWA = The time weighted average concentration for a normal 8 hour workday and a 40 hour workweek, to which nearly all workers may be repeatedly exposed without adverse effect.

Contains no ingredient that is listed as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

SECTION 3: PHYSICAL DATA

Boiling Point/Range (°F): 212 – 340°F

% Volatile by volume: 95.0

Evaporation Rate (BuAc=1):

Slower Faster

Solubility in Water: Complete

Physical State: Clear, thin, blue liquid

Odor: Mild solvent

Other:

Specific Gravity: .92
(Water = 1)

Weight/Gallon: 7.7#
Water = 8.33#

Vapor Pressure: Comp to Water
(mm/Hg)

Vapor Density: Comp to Water
(air=1)

Heavier Lighter

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Approx. 160°F

Flammable Limits: Lel Uel
Not Known

Fire Extinguishing Media:

Water Fog Foam Gas (CO₂/Halon) Dry Chemical Other

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION 5: HEALTH HAZARD DATA**Threshold Limit Value:** Not Established**Primary Routes of Entry:** Inhalation, Skin Absorption**Effects of Overexposure:****Acute:** May cause skin or eye irritation. Harmful if swallowed. Excessive inhalation of vapor may cause dizziness, headaches and respiratory tract irritation.**Chronic:** Prolonged skin and eye contact may cause dermatitis and conjunctivitis.**Emergency and First Aid Procedures:****Inhalation:** Remove to fresh air. If breathing difficult give oxygen. If stopped, give artificial respiration. Get medical attention.**Eyes:** Flush thoroughly with plenty of water for at least 15 minutes keeping eyelids apart. If irritation persists, get medical attention.**Skin:** Flush thoroughly with plenty of water. Remove contaminated clothing. If irritation persists, get medical attention.**Ingestion:** Drink large quantities of water and induce vomiting if person is conscious. Get medical attention.**SECTION 6: REACTIVITY DATA****Stability:** Unstable Stable**Hazardous Polymerization:** May Occur Will Not Occur**Conditions to Avoid:** Extreme heat**Materials to Avoid:** Do not mix with other chemicals**Hazardous Decomposition Products:** May produce carbon monoxide upon combustion**SECTION 7: SPILL OR LEAK PROCEDURES****Steps to be Taken in Case Material is Released or Spilled:** Rinse up with water or absorb with floor absorbent, sawdust, rags, etc. and place in sealed container. Avoid contact with skin, eyes or clothing.**Waste Disposal Method:** Flush down sanitary sewer system or dispose of sealed container according to local regulations for hazardous wastes.**SECTION 8: SPECIAL PROTECTION INFORMATION****Respiratory Protection:** None Required**Ventilation Type:** Local Exhaust Adequate**Protective Gloves:** Recommended**Eye Protection:** Recommended**Other Protective Equipment:** Solvent resistant apron and chemical resistant shoes**SECTION 9: SPECIAL PRECAUTIONS****Handling and Storage Precautions:** Do not store at temperature extremes. Keep from freezing. Avoid contact with skin and eyes. Wash hands thoroughly after use. Do not take internally.**Other Precautions:** Keep out of the reach of children.