



5332 Dansher Road
Countryside, Illinois 60525

MATERIAL SAFETY DATA SHEET

Revision Date: 8/16/2005

MSDS No: N-913 A

Emergency Phones: 708-579-8100 (NYCO)

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

SECTION I - PRODUCT IDENTITY

PRODUCT NAME: Clearly the Best! Glass Cleaner with Ammonia

Formula: A blend of 2-butoxyethanol, alcohol and propellants with ammonia for cleaning glass and other hard surfaces.

Chemical Type: See Above.

HMIS RATINGS

Health = 1 (Slight)	Flammability = 2 (Moderate)
Reactivity = 0 (Minimal)	Protection = B (Safety Glasses, Gloves)

SECTION II - HAZARDOUS INGREDIENTS

	PERCENT	TLV	CARCINOGEN (OSHA,TP,IARC)
2-Butoxyethanol(CAS No. 111-76-2)	1-5	20 ppm	25 ppm
Dimethyl Ether (CAS No. 115-10-6)	1-5	Not Established	Not Established
Propane (CAS No. 74-98-6)	1-5	1000 ppm	Not Established
Isobutane (CAS No. 75-28-5)	1-5	Not Established	Not Established

SECTION III - CHEMICAL AND PHYSICAL

Appearance and Odor: Wide, hollow cone spray, semi-stable foam, ammonia odor	Boiling Point: N/A
Evaporation Rate (Ether = 1): <1	Melting Point: N/A
pH: N/A	Spec. Gravity (H ₂ O = 1): <1
Water Solubility: Appriciable	Vapor Density (Air = 1): >1
Vapor Pressure (psig): 135 @ 130F	

SECTION IV - FIRE AND EXPLOSION HAZARDS

Aerosol Flammability: Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flash Point (Method): <0F (Propellant), 100 (Conc) Explosion Limits: Upper: 18.0 Lower: 3.4

Flammable Limits: % Volume in air (Propellant)

Extinguishing Media: Carbon Dioxide, foam and/or dry chemical may be used.

Special Firefighting Procedures and Hazards: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C or 130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION V - REACTIVITY INFORMATION

Stable: Unstable:

Precautions:
Incompatibility: Avoid heat, open flame, strong oxidizing agents and reactive metals

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide and additional toxic chemicals may be formed in small amounts.

Conditions to Avoid: Do not store above 54C or 130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.

Hazardous Polymerization: Occurs: Does Not Occur:

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Signs and Symptoms of Exposure: Respiratory Irritation, high concentrations may cause headaches, dizziness and nausea. Eye contact may cause mild burning and irritation. Prolonged or repeated skin contact may lead to drying, irritation and dermatitis. Possible skin irritation. This product contains 2-butoxyethanol, which if ingested in significant quantities may result in red blood cell hemolysis.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Skin: Remove contaminated clothing. Flush skin with water followed by washing with soap and water. If irritation occurs, get medical attention. Do not use clothing until cleaned.

Eyes: Flush eyes with plenty of water for 15 minutes while holding eye lids wide open. Get medical attention if irritation persists.

Ingestion: Keep at rest and get medical attention.

Most likely routes of entry: Inhalation, eyes, and skin

Other Important Medical or Precautionary Information:

2-Butoxyethanol: may affect the liver and kidneys and may increase red blood cell hemolysis.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designed disposal container. Consult local regulatory agency for proper disposition of material.

Storage and Handling: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as level 1 Aerosol (NFPA 30B)

Waste Disposal: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Empty Containers: Dispose in accordance with local, state, and federal regulations.

Other Precautions: Please read and follow the directions on the product label; They are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect you health.

SECTION VIII - REGULATORY INFORMATION

Respiratory Protection: None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sect. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: General ventilation is adequate under normal conditions. Mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Chemical safety glasses are recommended.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

Reportable for SARA Title III, S.313 (Form R):

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