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* NYCO *

PRODUCTS COMPANY

5332 Dansher Road
Countryside, Illinois 60525

MATERIAL SAFETY DATA SHEET

Date: November 17, 1993

MSDS No.: N-034

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: N-034 NON-ACID TOILET BOWL AND WASHROOM CLEANER
Formula: Mixture, Butyl Cellosolve, Isopropyl alcohol, additives, water.
Chemical Type: Solvent and organic detergents in water.

HMIS RATINGS: Health-1, Flammability-1, Reactivity-0, Protection-B
SEE SECTION IX AT THE END OF THE SAFETY DATA SHEET

SECTION II - HAZARDOUS INGREDIENTS

	PERCENT	STEL	TWA	CARCINOGEN (OSHA, NTP, IARC)
2-Butoxyethanol (CAS No. 111-76-2)	< 3 %		25 ppm	no
Isopropyl Alcohol (CAS No. 67-63-0)	< 5 %	500 ppm	400 ppm	no

SECTION III - CHEMICAL AND PHYSICAL PROPERTIES

Appearance: pink liquid Boiling Pt.: 212oF.
Odor: almond Melting Point: n/ap
pH: .10-11 Spec. Gravity(H2O=1): 1.02
Water Solubility: Complete Vapor Pressure(mm Hg): n/av
Viscosity, Cp @ 25oC.: B-D Gardner

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point(Method): est >200oF.CCp Explosion Limits: Upper n/av
Lower n/av
Extinguishing Media: Water spray, alcohol foam, dry chemical
Special Firefighting Procedures and Hazards: Minimize prolonged skin and eye contact. Wear eye protection if exposure to liquid is likely.

NYCO N-034 Non-Acid Toilet Bowl and Washroom Cleaner

SECTION V - REACTIVITY INFORMATION

 Stable: X Unstable: Precautions:
 Incompatibility: none known.
 Hazardous Decomposition Products: if burned: CO2, CO, hydrocarbons
 Hazardous Polymerization: Occurs Does Not Occur X

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Inhalation: Breathing of mists may cause irritation.
 Wear approved organic mist respirator if exposure is likely.
 Remove to fresh air. Give artificial respiration or oxygen if needed.

Skin: Extended contact may cause irritation.
 Prolonged contact with 2-butoxyethanol may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage.
 Flush skin thoroughly with water for 15 minutes. Get medical attention for any irritation.
 Wear protective gloves if needed.

Eyes: Can cause irritation.
 Wear splash proof goggles as needed.
 Flush immediately with water for 15 minutes.

Ingestion: No effects reported.
 Wear face shield if needed. Avoid swallowing.
 Drink lots of water or, preferably, milk. Get medical attention if effects persist.

IN ALL CASES: Get prompt medical attention if effects persist.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other method and held for disposal or reuse.

NYCO N-034 Non-Acid Toilet Bowl and Washroom Cleaner

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE (CONTINUED)

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping.

Waste Disposal: May be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility.

Empty Containers: Rinse well before handling and disposal. Observe label precautions.

Other Precautions: n/a

SECTION VIII - REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): None.

SECTION IX-HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH RATING

HMIS HAZARD INDEX

- 4-Severe
- 3-Serious
- 2-Moderate
- 1-Slight
- 0-Minimal

FLAMMABILITY RATING

NFPA HAZARD RATING

- 4-Extreme
- 3-High
- 2-Moderate FP <200oF.
- 1-Slight FP >200oF.
- 0-Insignificant

REACTIVITY RATING

- 4-Severe
- 3-Serious
- 2-Moderate
- 1-Slight
- 0-Minimal

PERSONAL PROTECTIVE EQUIPMENT

- A-Safety Glasses
- B-Safety Glasses, Gloves
- C-Safety Glasses, Gloves, Synthetic Apron
- D-Face Shield, Gloves, Synthetic Apron
- E-Safety Glasses, Gloves, Dust Respirator
- 0-None

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, NYCO Products Company cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.