



MATERIAL SAFETY DATA SHEET

Network Services Company
1100 E. Woodfield Rd.
Schaumburg, IL 60173

GENERAL INFORMATION NUMBER: (847) 803-4888
CHEMTREC: (800) 424-9300

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I - Product Identification

Glass Cleaner Wipes

PRODUCT CODE: N933

CHEMICAL FORMULATION: Premoistened cleaning towel.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Ethyl alcohol	1.00-5.00	1000 ppm	1000 ppm	N	N	N	64-17-5
2-butoxyethanol	1.00-5.00	25 ppm (skin)	20 ppm (skin)	Y	N	Y	111-76-2

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
 N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
 302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
 355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
 372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY (WATER = 1): 0.9859 (concentrate)
 VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): N/D
 VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/D
 SOLUBILITY IN WATER: Soluble (concentrate) pH: 10.0 (concentrate)
 APPEARANCE AND ODOR: White towel impregnated with a clear, pale yellow liquid; fragrant odor..

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): > 200 (concentrate) (TEST METHOD): Open cup
 FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: 19.0 LOWER: 1.1
 EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
 SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION HAZARD: None

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Oxidizing agents, reducing agents, acids, bases.

CONDITIONS TO AVOID: Keep away from heat, sparks, and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:**
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None

EFFECTS OF OVEREXPOSURE

IF IN EYES: May cause mild irritation.

IF ON SKIN: Prolonged or repeated exposure may cause irritation. 2-butoxyethanol may affect the liver and kidneys and may increase red blood cell hemolysis.

IF SWALLOWED: Not expected to be a route of exposure.

IF INHALED: None under normal use. Prolonged exposure can be irritating to eyes, nose and respiratory tract.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

IF ON SKIN: Flush affected area with water for at least 15 minutes. If irritation persists, obtain medical attention.

IF SWALLOWED: Contact physician or poison control center immediately. Do not induce vomiting, unless told to do so by a physician or poison control center.

IF INHALED: Remove person to fresh air. If symptoms develop, seek medical attention. Give artificial respiration, if breathing has stopped.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Remove all sources and contain spill. Soak up spilled material with inert absorbent material and place in a closed labeled container.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

VENTILATION

LOCAL: Recommended

MECHANICAL: Not required

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: None needed under normal use. Otherwise use safety glasses.

OTHER PROTECTIVE EQUIPMENT: Wear impervious clothing to prevent skin contact.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool dry place away from heat or open flame. Keep container tightly closed when not in use. Ensure strict sanitary conditions are conformed to when working around chemicals.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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