



Commercial Products Group
CPG TN 6
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Cincinnati, OH 45202

HMIS®
Health 3
Flammability 3
Reactivity 0

MATERIAL SAFETY DATA SHEET

Issue Date: 3/99

SECTION I

Emergency Telephone Number: 1-513-983-1100

Identity: **10X Concentrate Spic and Span Disinfecting All-Purpose Spray and Glass Cleaner**

Ingredients/Chemical Name: Cleaning agents (ethanol, butoxypropanol), quaternary, water, colorant and perfume.

Other: N.A.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous ingredients as defined by OSHA, 29 CFR 1910, 1200

Chemical Name	Common Name	CAS No	ACGIH TLV	OSHA PEL	Other Limits Recommended
Ethyl Alcohol	Ethanol	64-17-5	1000 ppm	1000 ppm 1900 mg/m ³	N.K.

EPA Reg. # 6836-244-3573

DOT Classification: Combustible liquid not regulated when shipped in packaging of less than 119 gallons. When shipped in bulk, classified as compounds, cleaning liquid, Class 3 (NA 1993)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point (°F): 175°F	Specific Gravity (H₂O=1): 0.94
Vapor Pressure (mm Hg): N.A.	Percent Volatile by Volume (%): N.A.
Vapor Density (Air=1): N.A.	Evaporation Rate (nBuOAc=1): N.A.
Solubility in Water: Complete	Appearance and Odor: Dark blue liquid, solvent odor
pH: 10.8	

SECTION IV - FLAMMABILITY AND REACTIVITY

Flash Point (Method Used): 97°F(cc)	Explosive Limits: LEL: N.A. UEL: N.A.
Extinguishing Media: Use CO ₂ , dry chemical, water or foam.	
Special Fire Fighting Procedures: Use water to keep fire exposed containers cool.	
Unusual Fire Hazards: Product will produce a brief flash but will not sustain combustion when in contact with open flame above the indicated flash point.	
Stability	<i>Unstable:</i> <i>Conditions to Avoid:</i> None Known
	<i>Stable:</i> X
Incompatibility (Materials to avoid): None Known	
Hazardous Decomposition/By Products: None Known	
Hazardous	<i>May Occur:</i> <i>Conditions to Avoid:</i> None
Polymerization	<i>Will Not Occur:</i> X

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(continued)

SECTION V - HEALTH AND SAFETY DATA

Route(s) of Entry: Eye contact, skin contact, ingestion, inhalation.

Health Hazards (Acute and Chronic): Skin, eye and mucous membrane irritant. Use dilution may cause eye irritation. May cause skin irritation. May be harmful if ingested.

Signs and Symptoms of Exposure: Concentrate causes eye damage. Use dilution may cause eye irritation. Concentrate may cause skin burns. Use dilution may cause minor skin irritation. Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting or diarrhea. Large ingestions may cause temporary dizziness, incoordination and headache.

Medical Conditions Generally Aggravated by Exposure: Use on irritated or extremely dry skin may aggravate the existing conditions.

Emergency and First Aid Procedures: *Accidental Eye Contact:* Flush thoroughly with water for 15 minutes. Call a physician. *Skin Irritation* Immediately flush with water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. *Oral ingestion:* Promptly drink a large quantity of milk, egg whites or gelatin solution. If these are not available, drink large quantities of water. Call a doctor or get medical attention. Do not induce vomiting. *Inhalation:* For high level inhalation, Remove to fresh air.

****NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Other: N.A.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be Taken in Handling and Storing: Handling and storage area must be well ventilated, cool, and dry. Materials must be isolated from potential sources of ignition. Fire fighting equipment must be available at all times.

Other precautions: Keep away from heat/sparks and open flame.

Steps to Be Taken in Case Material is Released or Spilled: Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

Waste Disposal Method: Small (household) quantities may be disposed of via sewer. Incineration is preferred where permitted by federal, state and local regulations. Disposal is to be performed in compliance with all regulations.

SECTION VII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None required.

Ventilation *Local Exhaust:* None required *Special:* None
 Mechanical (General): Normal/general *Other:* None
 dilution ventilation is acceptable

Eye Protection: Goggles or face shield required **Protective Gloves:** Rubber gloves are required when handling concentrate. None required at use dilution. For splash protection use chemical goggles.

Other Protective Equipment: None required; eye wash fountain desirable.

*N.A. - Not Applicable

*N.K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.