



Commercial Products Group
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Cincinnati, OH 45202

HMIS®
Health 1
Flammability 2
Reactivity 0

MATERIAL SAFETY DATA SHEET

Issue Date: 3/99

SECTION I

Emergency Telephone Number: 1-513-983-1100

Identity: **Spic and Span Disinfecting All-Purpose Spray and Glass Cleaner Ready-to-Use**

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

DOT Classification: Combustible liquid not regulated 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): 200

Vapor Pressure (mm Hg): N.A.

Vapor Density (Air=1): N.A.

Solubility in Water: Complete

pH: 10.7

Specific Gravity (H₂O=1): 0.99

Percent Volatile by Volume (%): N.A.

Evaporation Rate (nBuOAc=1): N.A.

Appearance and Odor: Light blue liquid, solvent odor

SECTION IV - FLAMMABILITY AND REACTIVITY

Flash Point (Method Used): 135.7°F(cc)

Explosive Limits: LEL: N.A. UEL: N.A.

Extinguishing Media: Use CO₂, dry chemical, water or "alcohol" foam.

Special Fire Fighting Procedures: Use water to keep fire exposed containers cool.

Unusual Fire Hazards: Combustible liquid. Product will produce a brief flash but will not sustain combustion when in contact with open flame above the indicated flash point.

Stability *Unstable:*

Conditions to Avoid: None Known

Stable: X

Incompatibility (Materials to avoid): None Known

Hazardous Decomposition/By Products: None Known

Hazardous *May Occur:*

Conditions to Avoid: None

Polymerization *Will Not Occur:* X

Spic and Span Disinfecting All-Purpose Spray and Glass Cleaner Material Safety Data Sheet (continued)

SECTION V - HEALTH AND SAFETY DATA

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

Health Hazards (Acute and Chronic): Mild skin, eye and mucous membrane irritant.

Signs and Symptoms of Exposure: Eye contact may result in transient superficial effects similar to those produced by mild toilet soaps. May cause 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: *Eye Contact:* Flush thoroughly with water for 15 minutes. Get medical attention if irritation persists. *Skin Irritation:* Rinse exposed area with soap and water and discontinue use. Get medical attention if irritation persists. *Oral Ingestion:* Dilute with fluids and treat symptomatically. If large amounts are ingested, call a physician. *Inhalation:* If irritated, remove to fresh air.

Other: N.A.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be Taken in Handling and Storing: Handling and storage must be well ventilated, cool, and dry. Materials must be isolated from potential sources of ignition.

Other precautions: Keep away from 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): Acceptable *Other:* None

Eye Protection: None required with normal use. **Protective Gloves:** None required with normal use.
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.