



MATERIAL SAFETY DATA SHEET

Supersedes: 3/00

Issue Date: 8/01

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SECTION I - CHEMICAL PRODUCT

Identity: **Disinfecting Liquid Hard Surface Cleaner**

Brands: **SPIC & SPAN Disinfecting All-Purpose Spray & Glass Cleaner Ready to Use (Professional Line)**

Hazard Rating: 2

Health: 1

4=EXTREME

Flammability: 2

3=HIGH

Reactivity: 0

2= MODERATE

1=SLIGHT

Emergency Telephone Number - 1-800-332-7787 or call Local Poison Control Center

SECTION II - COMPOSITION AND INGREDIENTS

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

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethyl alcohol	Ethanol	64-17-5	ACGIH TLV: 1000 mg/m ³	1-4%	
2-aminoethanol	Monoethanol-amine	141-43-5	ACGIH TLV: 3 ppm OSHA PEL: 3 mg/m ³ OSHA PEL: 6 ppm (15 min)	0.1-1%	

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

- Ingestion:** May cause mucous membrane irritation. Possible mild gastrointestinal irritation with nausea, vomiting and/or diarrhea. Large ingestions may cause temporary dizziness, uncoordination and headache.
- Eye Contact:** May cause eye irritation. May result in transient, superficial effects similar to those produced by mild toilet soaps.
- Skin:** May cause skin irritation. Use on irritated or extremely dry skin may aggravate the existing condition.
- Inhalation:** May cause mucous membrane irritation.

SECTION IV - FIRST AID INFORMATION

Emergency and First Aid Procedures:

- Ingestion:** Dilute with fluids and treat symptomatically. For large ingestions, call a physician.
- Eye contact:** Flush thoroughly with water for 15 minutes. Get medical attention if irritation persists.
- Skin:** Rinse exposed area with soap and water and discontinue use.
- Inhalation:** Get fresh air.

Other: Product package has a caution statement: KEEP OUT OF REACH OF CHILDREN. CAUTION: Causes eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

SECTION V - FIRE FIGHTING INFORMATION		
Flash Point (Method Used): 136°F (cc)	Explosive Limits: LEL: N/A	UEL: N/A
Extinguishing Media: CO ₂ , 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 support sustained combustion when in contact with open flame above the indicated flashpoint.		

SECTION VI - ACCIDENTAL RELEASE MEASURES
Personal Precautions: N/A
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Small quantities may be slowly flushed down sewer with excess water or dispose as liquid scrap. Discard empty container in trash.
Steps To Be Taken in Case Material is Released or Spilled: Use water spray or dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

SECTION VII - HANDLING AND STORAGE
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. Fire fighting equipment must be available at all times.
Other Precautions: Keep away from sparks and open flame.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION
Respiratory Protection (Specify Type): None required with normal use.
Ventilation General
Eye Protection: None required with normal use.
<i>Industrial Setting:</i> If splash of solution is likely, chemical goggles may be needed.
Protective Gloves: None required with normal use.
<i>Industrial Setting:</i> Minimize skin contact with protective gloves (rubber, neoprene).
Other Protective Equipment: None required with normal use.
<i>Industrial Setting:</i> Use ventilation to minimize exposure to vapor or mist (ethanol).

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point ° F: 200°F	Specific Gravity (H₂O=1): 0.99
Vapor Pressure (mm Hg): N/A	Percent Volatile by Volume (%): ca. 95
Vapor Density (Air=1): N/A	Evaporation Rate (nBuOAc=1): N/K
Odor Threshold: N/A	Freezing Point: N/A
Coefficient of Water/Oil Distribution: N/A	pH (100% solution): 10.7
Scooped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Light blue liquid, solvent odor	Reserve Alkalinity: N/A

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions/By Products: None known

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None known

Other Recommendations: None

Stability Stable

Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

LD50 (rats oral): >20 g/kg

SECTION XII - ECOLOGICAL INFORMATION

No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Slowly flush down sewer with excess water or dispose as liquid scrap. . **DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.** Discard empty container in trash.

SECTION XIV - TRANSPORT INFORMATION

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 XV - ADDITIONAL REGULATORY INFORMATION

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components of Spic & Span Disinfecting All-Purpose Spray & Glass Cleaner RTU are subject to California Proposition 65.

EPA Reg. No. 6836-245-3573

SECTION XVI - OTHER INFORMATION	
*N/A. - Not Applicable	*N/K. - Not Known
<p>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.</p>	
<p>The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.</p>	