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 Procter & Gamble
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 2 Procter & Gamble Plaza
 Cincinnati, OH 45202

MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 7/01

Issue Date: N/A

Identity: Disinfecting Liquid Hard Surface Cleaner

Brand: SPIC and SPAN 10X Concentrate Disinfecting All-Purpose Spray and Glass Cleaner (Professional Line)

Hazard Rating: 3

Health: 3

4-EXTREME

Flammability: 3

3-HIGH

Reactivity: 0

2-MODERATE

1-SLIGHT

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

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

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

Chemical Name	Common Name	CAS No.	Recommended Limits	Composition Range	LD50/LC50
Ethyl alcohol	Ethanol	64-17-5	ACGIH TLV: 1000 mg/m ³	12-25%	
2-aminoethanol	Monoethanolamine	141-43-5	ACGIH TLV: 3 ppm OSHA PEL: 3 mg/m ³ OSHA PEL: 6 ppm (15 min)	1-5%	

Health Hazards (Acute and Chronic)

Eye Contact: Concentrate causes eye damage. Use dilution may cause mild irritation

Skin: Concentrate may cause skin burns. Use dilution may cause mild skin irritation.

Ingestion: Mucous membrane irritant. may result in mild gastrointestinal irritation with nausea, vomiting and/or diarrhea. Large ingestions may cause temporary dizziness, uncoordination and headache.

Inhalation: Mucous membrane irritant

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Emergency and First Aid Procedures:

- Eye contact:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
- Skin irritation:** Wash with plenty of soap and water. Get medical attention.
- Oral ingestion:** Promptly drink a large quantity of milk, egg whites or gelatin. If these are not available, drink large quantities of water. Call a doctor or get medical attention. Do not induce vomiting.
- Inhalation:** If a large amount of product is inhaled, get fresh air.

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

Other: Product package has a caution statement: **DANGER: KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling concentrate. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Flash Point (Method Used): 97°F (cc)

Explosive Limits: LEL: N/A UEL: N/A

Extinguishing Media: CO₂, water, or dry chemical

Special Fire Fighting Procedures: Use water to keep fire exposed container 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 flash point.

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 Large Amounts Material are 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. Absorb spilled product onto absorbent material.

Precautions To Be Taken in Handling and Storing: Handling and storage must be well ventilated, cool and dry. Store away from potential sources of ignition. Fire fighting equipment must be available at all times.

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

Respiratory Protection (Specify Type): None required with normal use.

Ventilation: General

Eye Protection: Goggles or face shield required when handling concentrate. None required at use dilution.

Protective Gloves: Rubber gloves are required when handling concentrate. None required at use dilution.

Other Protective Equipment: None required with normal use. Easily accessible water source is needed.

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Boiling Point °F: 175°F	Specific Gravity (H₂O=1): 0.94
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): 10.8
Seeped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Dark blue liquid	Reserve Alkalinity: N/A
Product is perfumed.	

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.

LD50 (rats oral): >20 g/kg

No concerns.

Waste Disposal Method: Small quantities may be disposed of via sewer. **DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.** Discard empty container in trash.

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

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All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §3.

No components of Spic & Span Disinfecting 10X Concentrate All-Purpose Spray and Glass Cleaner are subject to California Proposition 65.

EPA Reg. No. 6836-244-3573

*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.

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