



32538

MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 6/1/00

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SECTION I - CHEMICAL PRODUCT		
Identity: Disinfecting Liquid Hard Surface Cleaner		
Brands: 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:	2= MODERATE
		1=SLIGHT
Emergency Telephone Number: 24hr P&G Operator - 1-513-983-1100 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.					
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	Monoethanol-amine	141-43-5	ACGIH TLV: 3 ppm OSHA PEL: 3 mg/m ³ OSHA PEL: 6 ppm (15 min)	1-5%	

SECTION III - HAZARDS IDENTIFICATION	
Health Hazards (Acute and Chronic):	
Ingestion:	Mucous membrane irritant
Eye Contact:	Eye irritant. Use dilution may cause mild irritation
Inhalation:	Mucous membrane irritant
Skin:	Skin irritant. Use dilution may cause mild skin irritation
Signs and Symptoms of Exposure:	
Ingestion:	Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting and/or diarrhea. Large ingestions may cause temporary dizziness, uncoordination and headache.
Eye Contact:	Concentrate causes eye damage. Use dilution may cause eye irritation.
Skin:	Concentrate may cause skin burns. Use dilution may cause minor skin irritation.
Inhalation:	Mucous membrane irritant

SECTION IV - FIRST AID INFORMATION

Emergency and First Aid Procedures:

- Eye contact: Hold eyelids open and flush thoroughly with a steady, gentle stream of water for 15 minutes. Call a physician.
- Skin irritation: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Call a physician.
- 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: For high level inhalation, remove to 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 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.

SECTION V - FIRE FIGHTING INFORMATION

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.

Stability *Unstable:* *Conditions to Avoid:* None known
Stable: X

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition/By Products: None known

Hazardous Polymerization: *May Occur:* *Conditions to Avoid:* None known
Will Not Occur: X

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 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.

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 heat/sparks and open flame.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION	
Respiratory Protection (Specify Type): None required with normal use.	
Ventilation	<i>Local Exhaust:</i> Not necessary. <i>Special:</i> None
	<i>Mechanical (General):</i> Acceptable. <i>Other:</i> None
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. Eye wash fountain desirable.	
<i>Industrial Setting:</i> Use ventilation to minimize exposure to vapor or mist.	

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
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
Scooped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Dark blue liquid	Reserve Alkalinity: N/A
Product is perfumed.	

SECTION X - STABILITY AND REACTIVITY
Possible Hazardous Reactions/Conditions: None known
Conditions to Avoid: None
Materials to Avoid: None
Hazardous Decomposition Products: None known
Other Recommendations: None

SECTION XI - TOXICOLOGICAL INFORMATION
LD50 (rats oral): >20 g/kg

SECTION XII - ECOLOGICAL INFORMATION

SECTION XIII - DISPOSAL CONSIDERATIONS

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.

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 10X Concentrate All-Purpose Spray and Glass Cleaner are subject to California Proposition 65.

This product is an EPA Registered Pesticide. EPA Reg. No. 6836-244-3573

SECTION XVI - OTHER INFORMATION

*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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