



# MATERIAL SAFETY DATA SHEET

Supersedes: 3/00 <sup>ITEM</sup> #522065  
 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.  |                   |          |   |                   |           |
| Chemical Name  | Common Name       | CAS No.  | Recommended Limits  | Composition Range | LD50/LC50 |
| Ethyl alcohol  | Ethanol           | 64-17-5  | ACGIH TLV: 1000 mg/m <sup>3</sup>   | 1-4%              |           |
| 2-aminoethanol   | Monoethanol-amine | 141-43-5 | ACGIH TLV: 3 ppm<br>OSHA PEL: 3 mg/m <sup>3</sup><br>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<sub>2</sub>, 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.

**Industrial Setting:** If splash of solution is likely, chemical goggles may be needed.

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

**Industrial Setting:** Minimize skin contact with protective gloves (rubber, neoprene).

**Other Protective Equipment:** None required with normal use.

**Industrial Setting:** Use ventilation to minimize exposure to vapor or mist (ethanol).

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

|   |  |
|---|--|
| <b>Boiling Point °F:</b> 200°F                              | <b>Specific Gravity (H<sub>2</sub>O=1):</b> 0.99 |
| <b>Vapor Pressure (mm Hg):</b> N/A                          | <b>Percent Volatile by Volume (%):</b> ca. 95    |
| <b>Vapor Density (Air=1):</b> N/A                           | <b>Evaporation Rate (nBuOAc=1):</b> N/K          |
| <b>Odor Threshold:</b> N/A                                  | <b>Freezing Point:</b> N/A                       |
| <b>Coefficient of Water/Oil Distribution:</b> N/A           | <b>pH (100% solution):</b> 10.7                  |
| <b>Scooped Density:</b> N/A                                 | <b>Solubility in Water:</b> Completely           |
| <b>Appearance and Odor:</b> Light blue liquid, solvent odor | <b>Reserve Alkalinity:</b> 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

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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