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 Procter & Gamble  
 CPO TN 6  
 2 Procter & Gamble Plaza  
 Cincinnati, OH 45202

## MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 9/00  
 Issue Date: N/A

<b>Identity: Liquid Hard Surface Cleaner</b>		
<b>Brands: SPIC and SPAN Floor and Multi-Surface Cleaner</b>		
<b>Hazard Rating: 1</b>	<b>Health: 1</b>	<b>4-EXTREME</b>
	<b>Flammability: 0</b>	<b>3-HIGH</b>
	<b>Reactivity: 0</b>	<b>2-MODERATE</b>
		<b>1-SLIGHT</b>
<b>Emergency Telephone Number: - 1-800-332-7787 or call Local Poison Control Center</b>		

<b>Ingredients/Chemical Name: Cleaning and sodasing agents (anionic surfactants), dispensing aid (ethyl alcohol), water, builders, stabilizing agents, colorants, with or without perfums.</b>						
<b>Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.</b>						
<b>Chemical Name</b>	<b>Common Name</b>	<b>CAS No.</b>	<b>Recommended Limits</b>		<b>Composition Range</b>	<b>LD50/LC50</b>
Ethanol	Ethyl alcohol	64-17-5	AGCY TLV 1000 ppm	OSHA PEL 1000 ppm 1900 mg/m <sup>3</sup>	0-9%	
Linear alkyl benzene sulfonate	CI123 LAS	69081-81-2	N/A		5-10%	LD50=0.65-1.26 g/kg LC50=N/A

<b>Health Hazards (Acute and Chronic):</b>	
<b>Ingestion:</b>	May cause transient gastrointestinal irritation
<b>Eye Contact:</b>	May cause moderate, transient irritation.
<b>Skin Contact:</b>	Prolonged contact with concentrated product may be drying or irritating to skin
<b>Signs and Symptoms of Exposure:</b>	
<b>Ingestion:</b>	May result in nausea, vomiting and/or diarrhea.
<b>Eye Contact:</b>	May cause stinging, tearing, itching, swelling and/or redness
<b>Skin:</b>	May be drying or irritating to skin

**Emergency and First Aid Procedures:**

**Ingestion:** Drink 1 or 2 large glasses of water. If large amounts are ingested, call a physician.  
**Eye Contact:** Flush with large amounts of water for at 10-15 minutes.  
**Skin:** Rinse skin thoroughly with water. Discontinue use.

**Other:** Product package has a caution statement: **CAUTION:** May cause eye irritation. Eye irritant. Avoid eye contact. Eye contact may result in mild to moderate transient irritation unless rinsed immediately and thoroughly with water. If eye contact occurs, flush with water for 15 minutes. If irritation persists, seek medical attention.  
**KEEP OUT OF REACH OF CHILDREN**

**Flash Point (Method Used):** 130°F TCC

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

**Extinguishing Media:** CO<sub>2</sub>, water, or dry chemical

**Special Fire Fighting Procedures:** None known.

**Unusual Fire Hazards:** N/A

**Stability Unstable:**

**Conditions to Avoid:** None known

*Stable: X*

**Incompatibility (Materials to Avoid):** None known

**Hazardous Decomposition/By Products:** None

**Hazardous Polymerization:**

*May Occur:*

**Conditions to Avoid:** None known

*Will Not Occur: X*

**Personal Precautions:** None

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Small quantities may be disposed of in sewer. For larger quantities, incineration is preferred. Do not landfill. Discard empty container in trash.

**Steps To Be Taken in Case Material is Released or Spilled:** Flush small quantities down acceptable sewer. Dispose of according to local regulations.

**Precautions To Be Taken in Handling and Storing:** None required

**Other Precautions:** None

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

**Ventilation**      *Local Exhaust:* None required with normal use.

*Special:* None

*Mechanical (General):* Acceptable.

*Other:* None

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

*Industrial Setting:* If eye contact with undiluted product is likely, chemical goggles may be needed.

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

Protective gloves (rubber, neoprene) should be used for any prolonged direct contact.

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

**Boiling Point °F:** N/A

**Specific Gravity (H<sub>2</sub>O=1):** 1.2

**Vapor Pressure (mm Hg):** N/A

**Percent Volatile by Volume (%):** 66%

**Vapor Density (Air=1):** N/A

**Evaporation Rate (nBuOAc=1):** N/A

**Odor Threshold:** N/A

**Freezing Point:** N/A

**Coefficient of Water/Oil Distribution:** N/A

**pH (100%):** 10.6

**Scoop Density:** N/A

**Solubility in Water:** Complete

**Appearance and Odor:** Clear green scented liquid

**Reserve Alkalinity:** N/A

**Possible Hazardous Reactions/Conditions:** None known

**Conditions to Avoid:** None

**Materials to Avoid:** None known

**Hazardous Decomposition Products:** None

**Other Recommendations:** None

**LD50 (rats oral):** 6.4 g/kg

None

**Waste Disposal Method:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. Small quantities may be disposed of in sewer. For larger quantities, incineration is preferred. Do not landfill. Discard empty container in trash.

**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)

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 and Span Floor and Multi-Surface Cleaner are subject to California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

\*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.

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.