



MATERIAL SAFETY DATA SHEET

Supersedes: N/A

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

SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Hard Surface Cleaner**

Brands: **SPIC and SPAN Floor and Multi-Surface Cleaner**

Hazard Rating: 1

Health: 1

4=EXTREME

Flammability: 0

3=HIGH

Reactivity: 0

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 and sudsing agents (anionic surfactants), dispensing aid (ethyl alcohol), water, builders, stabilizing agents, colorants, with or without 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>	
Ethanol	Ethyl alcohol	64-17-5	AGCY OSHA TLV 1000 ppm	OSHA PEL 1000 ppm 1900 mg/m ³	0-5%	
Linear alkyl benzene sulfonate	C12.3 LAS	68081-81-2	N/A	5-10%	LD50=0.65- 1.26 g/kg LC50=N/A	

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: May cause transient gastrointestinal irritation
Eye Contact: May cause moderate, transient irritation.
Skin Contact: Prolonged contact with concentrated product may be drying or irritating to skin

Signs and Symptoms of Exposure:

Ingestion: May result in nausea, vomiting and/or diarrhea.
Eye Contact: May cause stinging, tearing, itching, swelling and/or redness
Skin: May be drying or irritating to skin

SECTION IV - FIRST AID INFORMATION	
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	

SECTION V - FIRE FIGHTING INFORMATION			
Flash Point (Method Used): 130°F TCC	Explosive Limits:	LEL: N/A	UEL: N/A
Extinguishing Media: CO ₂ , water, or dry chemical			
Special Fire Fighting Procedures: None known.			
Unusual Fire Hazards: N/A			
Stability	<i>Unstable:</i>	<i>Conditions to Avoid:</i> None known	
	<i>Stable:</i> X		
Incompatibility (Materials to Avoid): None known			
Hazardous Decomposition/By Products: None			
Hazardous Polymerization:	<i>May Occur:</i>	<i>Conditions to Avoid:</i> None known	
	<i>Will Not Occur:</i> X		

SECTION VI - ACCIDENTAL RELEASE MEASURES	
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.	

SECTION VII - HANDLING AND STORAGE	
Precautions To Be Taken in Handling and Storing: None required	
Other Precautions: None	

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION	
Respiratory Protection (Specify Type): None required with normal use.	
Ventilation	<i>Local Exhaust:</i> None required with normal use. <i>Special:</i> None <i>Mechanical (General):</i> Acceptable. <i>Other:</i> None
Eye Protection: None required with normal use.	
<i>Industrial Setting:</i> 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.	

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point °F: N/A	Specific Gravity (H₂O=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
Scooped Density: N/A	Solubility in Water: Complete
Appearance and Odor: Clear green scented liquid	Reserve Alkalinity: N/A

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

SECTION XI - TOXICOLOGICAL INFORMATION
LD50 (rats oral): 6.4 g/kg

SECTION XII - ECOLOGICAL INFORMATION
None

SECTION XIII - DISPOSAL CONSIDERATIONS
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.

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 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.

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.
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.