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**PROCTER & GAMBLE**

Commercial Products Group  
CPG TN-6  
2 Procter & Gamble Plaza  
Cincinnati, Ohio 45202

# MATERIAL SAFETY DATA SHEET

Dear Customer:

Attached is a Material Safety Data Sheet (MSDS) for our product, **SPIC and SPAN** (non-phosphate formula). This MSDS was written to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200). The intent of the Standard is to protect workers in industrial situations from hazardous materials in the work place; however, the scope of the Standard covers some cleaning product ingredients.

Professional Line Spic and Span (non-phosphate formula) is "hazardous" because the mixture, when tested as a whole, is considered an eye irritant within the meaning of the OSHA Hazard Communication Standard. The effects of accidental eye contact are expected to be slight and transient, similar to those produced by mild toilet soaps and household detergents.

Thank you for your interest in our products.

**THE PROCTER & GAMBLE COMPANY**  
Commercial Products Group

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**PROCTER & GAMBLE  
COMMERCIAL PRODUCTS GROUP**

# TECHNICAL RELEASE

Professional Line

SPIC AND SPAN  
(Non-phosphated Formulation)

Fact Sheet

Description

Professional Line Spic and Span is a hard-surface cleaner which is tinted light green in color and contains a mild perfume which produces a pine fragrance.

Ingredients

Professional Line Spic and Span contains sodium carbonate, cleaning and sudsing agents (anionic surfactants), metal protection agents (sodium silicates), perfume, quality control agents (sodium sulfate), and colorants.


Packaging

The product is packed in 27 ounce boxes, 12 per case.

Performance

Professional Line Spic and Span is a low to medium sudsing, hard-surface cleaner which is formulated with ingredients which soften water and remove dirt and grease. Most cleaning jobs require only one cup of Spic and Span diluted in four gallons of hot water.

Other Attributes

Professional Line Spic and Span is kosher in accordance with the requirements of the Union of Orthodox Jewish Congregations of America and carries the official  symbol designation on each package. The surfactants in Spic and Span are biodegradable; the product contains only trace quantities of phosphorus (less than 0.5%).

Professional Line Spic and Span is USDA approved for Category C-1 use in USDA-inspected plants.

Characteristics

Bulk Density	3.5 oz./cup
pH of a 1.0% Solution	10.5
Total Phosphorus	0.5% maximum

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**PROCTER & GAMBLE**

HMIS®

Health 1

Flammability 0

Reactivity 0

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**MATERIAL SAFETY DATA SHEET**

Issue Date: 4/97

SECTION I	
Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100	
Identity: <b>SPIC and SPAN</b> (non-phosphate) (Brand Codes 08056)	
Ingredients/Chemical Name: Sodium carbonate, anionic surfactant, sodium silicate, perfume, sodium sulfate and colorants.	
Other: N.A.	

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION	
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.	
This mixture when tested as a whole is considered an eye irritant within the meaning of the OSHA Hazard Communication Standard.	
DOT: Not regulated	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point (°F): N.A.	Specific Gravity (H <sub>2</sub> O = 1): 0.4g/cc (bulk density)
Vapor Pressure (mm Hg): N.A.	Percent Volatile by Volume (%): 1
Vapor Density (Air=1): N.A.	Evaporation Rate (nBuOAc=1): N.A.
Solubility in Water: Completely	Appearance and Odor: Green powder; pine odor
pH (1% solution): ~10.9	

SECTION IV - FLAMMABILITY AND REACTIVITY		
Flash Point (Method Used): N.A.		Explosive Limits: LEL: N.A. UEL: N.A.
Extinguishing Media: Use CO <sub>2</sub> , water or dry chemical		
Special Fire Fighting Procedures: None required		
Unusual Fire Hazards: None Known		
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	

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## SPIC and SPAN (non-phosphate) Material Safety Data Sheet (continued)

SECTION V - HEALTH AND SAFETY DATA	
Route(s) of Entry: Skin and eye contact, oral ingestion.	
Health Hazards (Acute and Chronic): Mild skin, eye and mucous membrane irritant.	
Signs and Symptoms of Exposure: May cause eye irritation. Prolonged skin contact may result in transient superficial effects similar to those produced by mild toilet soaps and detergents. Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting and diarrhea.	
Medical Conditions Generally Aggravated by Exposure: Use on irritated or extremely dry skin may aggravate the existing condition.	
Emergency and First Aid Procedures: In case of accidental eye contact, flush thoroughly with water for 15 minutes. For oral ingestion, dilute with fluids and treat symptomatically. For skin irritation, rinse exposed area and discontinue use.	
Other: Product package states: Caution: May cause eye irritation. Keep out of reach of children.	

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE	
Precautions to be Taken in Handling and Storing: Avoid moisture to prevent caking.	
Other Precautions: None required.	
Steps to be Taken in Case Material is Released or Spilled: Sweep up and dispose.	
Waste Disposal Method: Dispose at approved landfill.	
Small quantity: Flush down sewer drain with excess water or dispose of as dry scrap. Disposal is to be in compliance with all regulations.	

SECTION VII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify Type): None required for normal use. For bulk handling or other dusty conditions, use respiratory protection approved by NIOSH for dust.		
Ventilation	Local Exhaust: None required for normal use.	Special: None required
	Mechanical (General): Acceptable	Other: None
Eye Protection: None required with normal use.		Special Gloves: None required
Other Protective Equipment: None required with normal use.		

\*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.