



# MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 3/1/00  
 Issue Date: N/A

SECTION I - CHEMICAL PRODUCT		
Identity: <b>Disinfecting Liquid Hard Surface Cleaner</b>		
Brands: <b>SPIC and SPAN Disinfecting All-Purpose Spray and Glass Cleaner Ready to Use (Professional Line)</b>		
Hazard Rating: 2	Health: 1	4=EXTREME
	Flammability: 2	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					
<b>Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.</b>					
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 OSHA PEL: 3 mg/m <sup>3</sup> OSHA PEL: 6 ppm (15 min)	0.1-1%	

SECTION III - HAZARDS IDENTIFICATION	
<b>Health Hazards (Acute and Chronic):</b>	
Ingestion:	May cause mucous membrane irritation
Eye Contact:	May cause eye irritation.
Inhalation:	May cause mucous membrane irritation
Skin:	May cause skin irritation
<b>Signs and Symptoms of Exposure:</b>	
Ingestion:	Possible mild gastrointestinal irritation with nausea, vomiting and/or diarrhea. Large ingestions may cause temporary dizziness, uncoordination and headache.
Eye Contact:	Eye contact 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:	N/A



SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION	
<b>Respiratory Protection (Specify Type):</b> None required with normal use.	
<b>Ventilation</b>	<i>Local Exhaust:</i> Not necessary. <span style="float: right;"><i>Special:</i> None</span>
	<i>Mechanical (General):</i> Acceptable. <span style="float: right;"><i>Other:</i> None</span>
<b>Eye Protection:</b> None required with normal use.	
<i>Industrial Setting:</i> If splash of solution is likely, chemical goggles may be needed.	
<b>Protective Gloves:</b> None required with normal use.	
<i>Industrial Setting:</i> Minimize skin contact with protective gloves (rubber, neoprene).	
<b>Other Protective Equipment:</b> None required with normal use.	
<i>Industrial Setting:</i> 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
<b>Possible Hazardous Reactions/Conditions:</b> None known
<b>Conditions to Avoid:</b> None
<b>Materials to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> None known
<b>Other Recommendations:</b> None

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

SECTION XII - ECOLOGICAL INFORMATION
No concerns at relevant environmental concentrations.

