



MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 3/02

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SECTION I - CHEMICAL PRODUCT		
Identity: Liquid Hard Surface Cleaner		
Brands: SPIC and SPAN Heavy Duty Degreaser (Professional Line)		
Hazard Rating: 1	Health: 1	4=EXTREME
	Flammability: 0	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: Water, anionic surfactant, butyl carbitol, sodium citrate,, sodium carbonate, sodium cumene sulfonate, tetrasodium EDTA, color and perfume					
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.					
Chemical Name	Common Name	CAS No.	Recommended Limits	Composition Range	LD50/LC50
Sodium carbonate	Soda Ash	497-19-8	N/A	1-5%	LD50=1.86 g/kg LC50=N/A
Linear alkyl benzene sulfonate	C12.3 LAS	68081-81-2	N/A	1-4%	LD50=0.65-1.26 g/kg LC50=N/A
2-aminoethanol	Monoethanol-amine	141-43-5	ACGIH TLV: 3ppm OSHA PEL: 3mg/m ³ OSHA STEL: 6 ppm (15 min)	0.1-1%	

SECTION III - HAZARDS IDENTIFICATION	
Health Hazards (Acute and Chronic):	
Ingestion:	May cause mild mucous membrane irritation
Eye Contact:	May cause mild eye irritation.
Inhalation:	May cause mild mucous membrane irritation
Skin:	May cause mild skin irritation
Signs and Symptoms of Exposure:	
Ingestion:	Possible mild gastrointestinal irritation with nausea, vomiting and/or diarrhea.
Eye Contact:	Eye contact may result in transient, superficial effects similar to those produced by mild toilet soaps.
Skin:	May cause mild skin irritation. Use on irritated or extremely dry skin may aggravate the existing condition.
Inhalation:	N/A

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION	
Respiratory Protection (Specify Type): None required with normal use.	
Ventilation	<i>Local Exhaust:</i> Not necessary. <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 splash of solution is likely, chemical goggles may be needed.	
Protective Gloves: None required with normal use.	
<i>Industrial Setting:</i> Minimize skin contact with protective gloves (rubber, neoprene).	
Other Protective Equipment: None required with normal use.	

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point ° F: N/A	Specific Gravity (H₂O=1): 1.12
Vapor Pressure (mm Hg): N/A	Percent Volatile by Volume (%): N/A
Vapor Density (Air=1): N/A	Evaporation Rate (nBuOAc=1): N/K
Odor Threshold: N/A	Freezing Point: N/A
Coefficient of Water/Oil Distribution: N/A	pH (100% solution): 10.4
Scooped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Clear purple liquid with pine perfume	Reserve Alkalinity: N/A

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

SECTION XI - TOXICOLOGICAL INFORMATION
LD50 = >5.0g/kg

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

