



MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 8/01

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SECTION I - CHEMICAL PRODUCT		
Identity: Granular Cleaner with Bleach		
Brands: SPIC and SPAN Floor Cleaner with BLEACH (non-phosphate & phosphate)		
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: Anionic surfactants, water softeners (sodium carbonate, complex sodium phosphates [phosphate version]), dry chlorine bleach, processing aids (sodium sulfate), metal protection agents (sodium silicates).						
This product is a mild eye irritant within the meaning of the OSHA Hazard Communication Standard						
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>
Sodium carbonate	Soda Ash	497-19-8	N/A		15-40% (OP) 10-25% (P)	LD50=1.86 g/kg LC50=N/A
Sodium dichloroisocyanurate dihydrate	Sodium DCC	2893-78-9	AGCY TLV 10 mg/m ³	OSHA PEL 15 mg/m ³	10-15%	LD50=735 mg/kg rat
Linear alkyl benzene sulfonate	C12.3 LAS	68081-81-2	N/A		15-30%	LD50=0.65-1.26 g/kg LC50=N/A

SECTION III - HAZARDS IDENTIFICATION	
Health Hazards & Symptoms (Acute and Chronic):	
Ingestion:	May cause transient gastrointestinal irritation with nausea, vomiting and/or diarrhea.
Eye Contact:	May cause mild, transient irritation with stinging, tearing, itching, swelling and redness.
Inhalation:	Heavy or prolonged exposure to dust may cause transient respiratory tract irritation with coughing, sore throat, wheezing or transitory shortness of breath.

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.
Inhalation:	Leave dusty area.
Other: Product package has a caution statement: CAUTION: May cause eye/skin irritation. Eye irritant. Avoid eye contact. Do not mix with other cleaning products as irritating fumes may be released. May be irritating to skin. For sensitive skin or prolonged use, wear gloves. If eye or skin 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): N/A	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		

SECTION VI - ACCIDENTAL RELEASE MEASURES
Personal Precautions: None
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Solutions may be disposed of in sewer. Dry product may be landfilled if permitted by local regulations. Discard empty container in trash.
Steps To Be Taken in Case Material is Released or Spilled: Dispose as dry scrap or flush small quantities down acceptable sewer (contains biodegradable surfactants). Dispose of according to local regulations. Prevent heavy exposure to dust with NIOSH approved dust mask.

SECTION VII - HANDLING AND STORAGE
Precautions To Be Taken in Handling and Storing: Store in a cool, dry place. Keep product dry to maintain free-flowing granules.
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>Manufacturing Setting:</i> With dusty conditions or if a splash is likely, chemical goggles may be needed.		
Protective Gloves: None required with normal use.		
<i>Manufacturing Setting:</i> 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): N/A
Vapor Pressure (mm Hg): N/A	Percent Volatile by Volume (%): N/A
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 (1% solution): ~10.9
Scooped Density: 0.4/cc (bulk density)	Solubility in Water: Mostly
Appearance and Odor: White granule with green specks and bland odor	Reserve Alkalinity: 4.0 max

SECTION X - STABILITY AND REACTIVITY	
Possible Hazardous Reactions/Conditions: None known	
Conditions to Avoid: None	
Materials to Avoid: Products which contain ammonia or are acidic	
Hazardous Decomposition Products: Chlorine gas	
Other Recommendations: None	
Stability:	Stable
Hazardous Polymerization:	Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION	
LD50 (rats oral): 2.9g/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. Dry product may be landfilled. Discard empty container in trash.	

SECTION XIV - TRANSPORT INFORMATION	
DOT Classification: The finished product is not DOT hazardous.	

