



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**LIQUID STEAM CLEANER**

Product Number: 2330

Product Division:

**Janitorial**

**Spartan Chemical Company, Inc.**  
**1110 Spartan Drive**  
**Maumee OH 43537**

Product/Technical Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Compounds, cleaning liquid, 8, NA 1760, III, (contains potassium hydroxide)

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> B - Safety Glasses; gloves

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Potassium hydroxide	1-5	1310-58-3	Not Established	Not Established	2	No
Sodium metasilicate	05-10	6834-92-0	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 13.3-13.7	Specific Gravity (H <sub>2</sub> O=1): 1.15
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 16-18
Physical State: Liquid	
Appearance & Odor: Purple, no odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: N/A	
Unusual Fire & Explosive Hazards: N/A	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Severe eye and skin irritant. Harmful if swallowed. Breathing product mist may cause respiratory irritation. Do not get in eyes or on skin. Do not swallow. Avoid prolonged breathing of vapors. Oral LD <sub>50</sub> >500 but 5000 mg/kg.	
Conditions Aggravated by Use: Unknown	
<b>Emergency &amp; First Aid Procedures:</b>	
Eyes:	In case of contact; flush eyes with water for at least 15 minutes. Remove contact lenses. Call a physician.
Skin:	In case of contact; flush skin with water for at least 15 minutes. If irritation persists; call a physician. Wash clothing before reuse.
Ingestion:	If swallowed; do NOT induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air.

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: Do not mix with strong acids.
Hazardous Decomposition Products: None known	Hazardous Polymerization: Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Flush through normal sanitary sewer system.
Waste Disposal Method:	Same as above

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	None required
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber gloves
Eye Protection(Specify Type):	Safety goggles
Other Protective Equipment:	Under certain conditions, alkali resistant aprons and boots are suggested.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Nothing special
Other Precautions:	None

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**LIQUID STEAM CLEANER**

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Changes: Update Section V, Address and Format

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