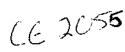


Spartan Chemical Company, Inc. Material Safety Data Sheet



SECTION I: PRODUCT INFORMATION

Spartan Chemical Company, Inc.

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

SNB-130

Product Number: 2130

1110 Spartan Drive Maumee OH 43537 Product Division: **Janitorial**

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

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

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

Shipping Description: Corrosive liquids, n.o.s., 8, UN 1760, II, (contains potassium hydroxide)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious	Health: 3 - Serious
Fire: 0 - Minimal	Fire: 0 - Minimal
Reactivity: 0 - Minimal	Reactivity: 0 - Minimal
	Pers. Prot. Equip.: See Section VIII

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.

			Table Z-1-A			
Chemical Name(s)	%Wt	CAS Registry No.	TWA mg/m³	STEL mg/m³	CEILING mg/m³	NTP, IARC or OSHA Carcinogen
Sodium metasilicate	10-15	6834-92-0	Not Established	Not Established	Not Established	No
Sodium tripolyphosphate	1-5	7758-29-4	Not Established	Not Established	Not Established	No
Potassium hydroxide	1-5	1310-58-3	Not Established	Not Established	2 (NIOSH)	No
Phosphate ester	1-5	68130-47-2	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH; 13.3-13.7	Specific Gravity (H ₂ O=1): 1.149
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 16 - 18
Physical State: Liquid	
Appearance & Odor: Clear purple liquid, no odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-DS6	
Flammable Limits: N/A	Flame Extension: N/A	
Extinguishing Media: Product d	es not support combustion. Use extinguishing media appropriate for surrounding fire.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.		
Unusual Fire & Explosive Hazards: Combustic	products are toxic.	

SECTION V: HEALTH HAZARD DATA Threshold Limit Value: Not Established Primary Routes of Entry: Inhalation, Skin Contact, Eyes & Oral Effects of Overexposure- CORROSIVE: Conditions to Avoid: CAUSES EYE AND SKIN BURNS: Symptoms include chemical burns, pain, redness, swelling of the conjunctiva and tissue destruction. HARMFUL CONTACT MAY NOT CAUSE IMMEDIATE PAIN. HARMFUL IF SWALLOWED: Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Aspiration of product into the lungs may occur during ingestion or vomiting, resulting in lung injury. HARMFUL IF INHALED: Breathing product vapor or mist may cause irritation or damage of the respiratory tract, with symptoms of nasal discomfort and discharge with chest pain and coughing DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT BREATHE PRODUCT VAPOR OR MIST. DO NOT SWALLOW. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. Conditions Aggravated by Use: Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis. **Emergency & First Aid Procedures:** Eyes: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention. Remove contaminated clothing and shoes. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Destroy contaminated shoes. Ingestion: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting, Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person. Inhalation: In case of respiratory irritation or dizziness; move person to fresh air. Get medical attention if irritation persists. SECTION VI: REACTIVITY DATA Stability: Stable Incompatible Materials: Strong acids and oxidizing agents 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: Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Rinse area with water and flush to sanitary sewer. Keep spill out of storm sewers and waterways. Waste Disposal Method: Dispose of in compliance with all federal, state and local laws and regulations. SECTION VIII: SPECIAL PROTECTION INFORMATION Respiratory Protection: Not normally required when good general ventilation is provided. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered. Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. Protective Gloves(Specify Type): Solvent/alkali resistant gloves such as neoprene, nitrile or natural rubber/ latex are recommended. Eye Protection(Specify Type): Splash goggles are recommended to prevent eye contact. Other Protective Equipment: Solvent /alkali resistant boots, apron and other protective equipment is recommended when foot / body contact is likely. Eye wash stations and washing facilities should be readily accessible in areas where product is handled.. See 29 CFR 1910.132-138 for further guidance. SECTION IX: SPECIAL PRECAUTIONS Precautions; Handling & Storing: Keep container tightly closed. Store in a cool, dry area. Do not freeze. Do not store above 120°F. Do not mix with other chemicals. Other Precautions: Keep out of reach of children. © SCC 06/30/2005 Name: Title: Ronald T. Cook Manager, Regulatory Affairs Effective Date: 06/30/2005 Supercedes: 09/27/2004

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Update Section IX

Ref: 29 CFR 1910.1200 (OSHA)

Changes: