



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

PATHMAKER

Product Number: 0085

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: Non-Hazardous Products

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 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.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Alcohol ethoxylate	1-5	68439-46-3	Not Established	Not Established	Not Established	No
Tetrasodium EDTA	1-5	64-02-8	Not Established	Not Established	Not Established	No
Sodium carbonate	1-5	497-19-8	Not Established	Not Established	Not Established	No
Sodium xylene sulfonate	1-5	1300-72-7	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: 12.0-12.4	Specific Gravity (H ₂ O=1): 1.074
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 4-6
Physical State: Liquid	
Appearance & Odor: Red/orange liquid, bland odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Product does 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: Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Skin Contact, Eyes and Oral
Effects of Overexposure:	Causes eye irritation: Symptoms may include pain, redness, swelling and tearing		
Conditions to Avoid:	Cause skin irritation: Symptoms may include pain, redness and swelling. Harmful if swallowed: Symptoms may include nausea, vomiting, pain and diarrhea. Inhalation of product mist may cause respiratory irritation: Symptoms may include coughing and difficulty breathing. Do not get in eyes, on skin or on clothing. Do not taste or swallow. Avoid breathing product vapor or mist. 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 water for at least 15 minutes. Remove contact lenses. Get medical attention.	
	Skin:	Remove contaminated clothing. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse	
	Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Never 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:	None known
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. 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 required when good ventilation is provided.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other impervious gloves
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep out of reach of children
Other Precautions:	Do not freeze

© SCC 06/01/2013

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PATHMAKER

Effective Date: 06/01/2013

Supercedes: 06/01/2010

Ref: 29 CFR 1910.1200 (OSHA)

Changes: General Review

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