



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

CAUSTIC CLEANER FP

Product Number: 3189

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, II, (contains sodium hydroxide)

NFPA Ratings:	HMIS Ratings:
Health: 4 - Extreme Fire: 0 - Minimal Reactivity: 1- Slight	Health: 4 - Extreme Fire: 0 - Minimal Reactivity: 1- Slight Pers. Prot. Equip.: 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			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Sodium hydroxide	35-40	1310-73-2	2	Not Established	Not Established	No
Sodium silicate	01-05	1344-09-8	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 255 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 14	Specific Gravity (H ₂ O=1): 1.4-1.5
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 40-45
Physical State: Liquid	
Appearance & Odor: Dark brown liquid, pungent odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Not combustible. Extinguish fire using agents suitable for nearby fires.	
Special Fire Fighting Procedures: N/A	
Unusual Fire & Explosive Hazards: Contact with aluminum or other reactive metals may release hydrogen gas. Heat is generated when mixed with water, this reaction may be violent.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid:	Causes severe eye and skin burns. Eye contact may cause blindness. Harmful contact may not cause immediate pain. Harmful or fatal if swallowed. Inhalation may cause respiratory irritation or damage. Do not get in eyes, on skin or on clothing. Do not breathe vapor or mist. Do not swallow.
Conditions Aggravated by Use:	Unknown
Emergency & First Aid Procedures:	
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get immediate medical attention.
Skin:	Immediately flush with water for 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Destroy contaminated shoes.
Ingestion:	If swallowed; immediately drink large quantities of water. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. Get immediate medical attention.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Oxidizing agents; Acids; Chlorinated solvents; reactive metals such as aluminum; zinc and tin.
Hazardous Decomposition Products: None	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Contain large spills and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with an inert material and dispose in accordance with federal state and local regulations.
Waste Disposal Method:	Same as above.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required under most conditions. However, if irritation is experienced or if PEL is exceeded, use a NIOSH/MSHA approved particulate respirator. (N95 or above)
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Alkali resistant gloves
Eye Protection(Specify Type):	Goggles or face shield
Other Protective Equipment:	Under certain conditions, alkali resistant aprons and boots are recommended.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep from freezing.
Other Precautions:	Heat is generated when mixed with water. Add product to water to reduce the possibility of spattering. Keep out of reach of children

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CAUSTIC CLEANER FP

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 09/16/99

Changes: Name change

Title: Manager, Regulatory Affairs

Supercedes: 03/25/98

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