



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
SPARCHLOR CHLORINATED SANITIZER
Product Number: 3090

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 sodium hypochlorite)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 0 - Minimal Reactivity: 1- Slight	Health: 3 - Serious Fire: 0 - Minimal Reactivity: 1- Slight Pers. Prot. Equip.: C - Safety Glasses; gloves; chemical apron

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 ³	STEL mg/m ³	CEILING mg/m ³	
Sodium hypochlorite Sodium hydroxide	10-15 01-05	7681-52-9 1310-73-2	Not Established 2	Not Established Not Established	Not Established Not Established	No No

SECTION III: PHYSICAL DATA

Boiling Point: Aprox. 220 °F	Vapor Pressure: 12.1 mm Hg
Vapor Density (AIR = 1): N/A	Solubility in Water: Complete
pH: Approx. 12.5	Specific Gravity (H ₂ O=1): 1.08-1.26
Evaporation Rate (but.ace.=1): < 1	Percent Solid by Weight: 13-15
Physical State: Liquid	
Appearance & Odor: Greenish-yellow liquid, chlorine odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Use media appropriate for surrounding materials	
Special Fire Fighting Procedures: Use water to cool containers exposed to fire. Product is toxic to fish and runoff should be controlled.	
Unusual Fire & Explosive Hazards: Heat will increase the decomposition of the product into chlorine gas which is an oxidizer and will support combustion. Product will react with many metals to form oxygen which supports combustion.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes Ingestion
Effects of Overexposure- Conditions to Avoid:	Corrosive. Causes severe damage to eyes and skin. Prolonged exposure to skin may cause destruction of the dermis with impairment of the skin at site of contact to regenerate. Burns may not be immediately apparent. Eye contact may cause impairment of vision and corneal damage. This product is irritating to the nose, mouth, throat and lungs. It may also cause burns to the respiratory tract with the production of lung edema which can result in shortness of breath, wheezing, choking, chest pain and impairment of lung function. Inhalation of high concentrations of mist can result in permanent lung damage. Ingestion can result in irritation and/or burns to the entire gastrointestinal tract including the stomach and intestines. Do not get in eyes on skin or clothing. Do not swallow. Avoid breathing product vapors or mist. Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema or obstructive lung disease. May act as a sensitizer
Conditions Aggravated by Use:	Use of this product may aggravate preexisting respiratory or heart conditions.
Emergency & First Aid Procedures:	
Eyes:	In case of contact: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention immediately.
Skin:	Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes. If irritation persists; get medical attention.
Ingestion:	If swallowed; have victim drink 2 to 4 glasses 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. If breathing is difficult; administer oxygen. If breathing has stopped; give artificial respiration. Get medical attention if symptoms persist.

SECTION VI: REACTIVITY DATA

Stability: Product decomposes with age, heat and exposure to copper, iron and several other metals.	Incompatible Materials: Acids; ammonia; iron; copper; oxidizable and/or combustible materials.
Hazardous Decomposition Products: Hypochlorous acid, chlorine gas and oxygen.	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Flush small spills into sanitary sewer with plenty of water. For large spills, contain, Neutralize with dilute sodium bisulfate, flush neutralized material to sanitary sewer with lots of water. Do not use combustible materials such as saw dust to absorb spills.
Waste Disposal Method:	Follow all local, state and federal regulations for hazardous waste. Product is subject to Land Disposal Restrictions under 40 CFR 268.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required under most conditions. However in extreme cases use a NIOSH/MSHA approved respirator equipped with chemical cartridge for protection against chlorine and dust/mist pre-filter.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary in some cases to control product mists or aerosols. Product decomposes slowly to produce chlorine gas. Use sufficient ventilation to maintain NIOSH REL for chlorine: 1.45 mg/cubic meter, Ceiling
Protective Gloves(Specify Type):	Impervious (neoprene or PVC)
Eye Protection(Specify Type):	Goggles and/or face shield
Other Protective Equipment:	Use of an impervious apron is recommended to minimize contact.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Store in a cool, dry, well ventilated area. Do not expose containers to temperatures above 90 F. Storage at higher temperatures will shorten the shelf life of this product. Always use vented closure or container may build up pressure and rupture. Empty containers retain product residue, continue to observe all safety and handling precautions. Do not reuse container without proper reconditioning.
Other Precautions:	Keep out of reach of children. Mix only with water. Do not use or mix with other cleaning products;

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SANITIZER**

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Changes: New Product

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