



Spartan Chemical Company, Inc.

Material Safety Data Sheet

309004
309005

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: Corrosive liquids, n.o.s., 8, UN 1760, III, (contains sodium hypochlorite)

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.

Chemical Name(s)	% W	CAS Registry No.	Table Z-1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CELING mg/m ³	
Sodium hypochlorite	10-16	7681-52-9	Not Established	Not Established	Not Established	No
Sodium hydroxide	0.2-2.0	1310-73-2	2	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point:	Approx. 220 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	N/A	Solubility in Water:	Complete
pH:	Approx. 12.5	Specific Gravity (H ₂ O=1):	1.1 - 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:	> 220°F	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	Flood with water or carbon dioxide.		
Special Fire Fighting Procedures:	Wear NIOSH certified gas mask and full protective clothing and eye wear. Avoid inhalation of fumes and body contact. Stay up-wind and out of low lying areas.		
Unusual Fire & Explosive Hazards:	In fire, this material may decompose and produce irritating vapors, chlorine gas and oxides of sodium. When heated or in contact with many metals, this product gives off oxygen which may increase fire hazard. Contain run-off water to prevent environmental damage. Toxic fumes may be liberated by contact with acid or heat. Vigorous reactions can occur with oxidizable materials and organics.		

▼ SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin, Eyes, Oral
Effects of Overexposure- Conditions to Avoid:	<p>Highly Corrosive. May be harmful if swallowed. Ingestion causes burns and irritation of mouth, throat, esophagus and other digestive system tissues immediately on contact. Causes severe damage to eyes. Eye contact causes severe pain, irritation, damage and reddening. Prolonged exposure may cause blindness. Causes severe damage to skin. Exposure to skin causes reddening, pain, irritation & damage. Prolonged or repeated contact may result in ulcerating burns and dermatitis. Harmful if Inhaled: 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. Do not get in eyes on skin or clothing. Do not swallow. Avoid breathing product vapors or mist.</p>		
Conditions Aggravated by Use:	Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma; emphysema or obstructive lung disease. May aggravate preexisting skin disorders.		

Emergency & First Aid Procedures:

Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present; after the first 15 minutes; then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice. Wash contaminated clothing before reuse.
Ingestion:	Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. If person is not breathing; call 911 or an ambulance; then give artificial respiration; preferably by mouth -to-mouth; if possible. Call a poison control center or doctor for further treatment advice.

▼ SECTION VI: REACTIVITY DATA

Stability:	Product decomposes with age: light: heat: decreases in pH: and metallic impurities.	Incompatible Materials:	Acids; ammonia; oxidizable materials; most metals; heat sources; organic halogen and nitrocompounds.
Hazardous Decomposition Products:	Sodium chlorate, Hypochlorous acid, chlorine gas & hydrochloric acid	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:	If irritation occurs use NIOSH approved respirator appropriate for the chemicals listed in Section II or self contained breathing apparatus.
Ventilation:	Good general ventilation should be provided. Local exhaust ventilation may be necessary in some cases. 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 gloves (neoprene or rubber) are recommended.
Eye Protection(Specify Type):	Splash goggles and/or face shield are recommended .
Other Protective Equipment:	Use of rubber aprons ; rubber boots and other protective clothing is recommended where contact with body may occur. Eye wash stations and washing facilities should be readily accessible in areas where undiluted product is handled.. See 29 CFR 1910.132-138 for further guidance.

▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Store in a cool, dry, well ventilated area. Keep product temperature below 85 F and above 32 F. Store in upright vented, closed containers protected from direct sunlight. Do not store near acids, heat or oxidizable materials or organics. Empty containers retain product residue, continue to obey safety and handling precautions. Contact with ammonia and amine-based compounds can generate toxic chloramine compounds. Contact with acids can release dangerous chlorine gas.
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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SPARCHLOR CHLORINATED
SANITIZER

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Date:

Title: Manager, Regulatory Affairs
Supercedes: 06/01/2006

Ref: 29 CFR 1910.1200 (OSHA) Changes: Review

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