



Revision Date: 01-Oct-2026

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: SPARCHLOR CHLORINATED SANITIZER
Product Code: 3090
Recommended Use: No Rinse Sanitizer,
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone

Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion/irritation: Category 1 Sub-category C
Serious eye damage/eye irritation: Category 1
Corrosive to metals: Category 1

Label elements

Signal word:

Symbols:

Danger



Hazard statements:

Physical hazards: Causes severe skin burns and eye damage
May be corrosive to metals

Precautionary Statements - Prevention:

Do not breathe dust
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, protective clothing, eye protection and face protection
Keep only in original packaging

Precautionary Statements - Response:

IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Eyes:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower]. Wash contaminated clothing before reuse.

Inhalation:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-Specific Treatment:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Spill: Absorb spillage to prevent material damage
Precautionary Statements - Storage: Store locked up. Store in corrosive resistant container with a resistant inner liner.
Precautionary Statements - Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

Hazards not otherwise classified (HNOC): Not applicable

Other hazards:

- Corrosive
- Harmful if swallowed
- Inhalation of vapors or mist may cause respiratory irritation or damage.
- Do not use or mix with other cleaning products, acids, ammonia or other chemicals. To do so may release hazardous gases.
- Keep out of reach of children
- NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Water	7732-18-5	80-100
Sodium Hypochlorite	7681-52-9	7-13
Sodium Hydroxide	1310-73-2	0.1-1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Skin contact: Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Ingestion: Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.

Note to physicians: NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray (fog). Carbon dioxide.

Specific Hazards Arising from the Chemical: Combustion products are toxic. Releases oxygen when heated to decomposition which may intensify fire.

Hazardous Combustion Products: May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters: Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions: Do not rinse spill onto the ground, into storm sewers or bodies of water.

Methods for cleaning up: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on safe handling:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions:	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep from freezing.
Incompatible materials	Acids. Strong oxidizing agents. Ammonia. Reactive metals such as aluminum, zinc and tin.
Suggested Shelf Life:	1 year from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. Eye wash stations and shower facilities should be readily accessible in areas where the product is handled.
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Individual protection measures, such as personal protective equipment

Eye/face protection:	Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.
Skin and body protection:	Wear rubber or other chemical-resistant gloves. Use of impervious apron, boots and other protective equipment should be considered in order to prevent or minimize contact with this product.
Respiratory protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General hygiene considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Green Yellow
Odor:	Chlorine
Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	12.0-13.0	
Melting Point / Freezing Point:	No data available	
Boiling Point / Boiling Range:	104 °C / 219 °F	
Flash Point:	> 104 °C / 219 °F	ASTM D56
Evaporation Rate:	< 1	(BuAc = 1)
Flammability (solid, gas):	No data available	No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:	No data available	
Lower Flammability Limit:	No data available	
Vapor Pressure:	No data available	No information available
Vapor Density:	No data available	No information available
Relative Density:	1.1-1.26	
Solubility(ies):	Soluble in water	
Partition Coefficient:	No data available	No information available
Autoignition Temperature:	Not applicable	
Decomposition Temperature:	Not applicable	
Kinematic Viscosity:	No information available	No information available

Particle characteristics: Not applicable

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: Contact with acids releases chlorine gas. Contact with ammonia releases chloramine gas. Contact with aluminum or other reactive metals may release hydrogen gas.
Conditions to Avoid: Extremes of temperature and direct sunlight
Incompatible materials: Strong oxidizing agents. Strong acids.
Hazardous decomposition products: May include carbon monoxide, carbon dioxide (CO₂) and other toxic gases or vapors. Releases oxygen when heated to decomposition which may intensify fire.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:
Eye contact: Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
Skin contact: Pain, redness, blistering and possible chemical burn.
Inhalation: Irritation or damage to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.
Ingestion: Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information: Data not available or insufficient for classification.

Acute toxicity

Numerical measures of toxicity:

The following ATE values have been calculated for the mixture

ATEmix (oral) 65,600.00 mg/kg
 ATEmix (dermal) 80,000.00 mg/kg

Component Information:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Sodium Hypochlorite 7681-52-9	= 8.91 g/kg (Rat)	> 20000 mg/kg (Rabbit)	> 10.5 mg/L (Rat) 1 h
Sodium Hydroxide 1310-73-2	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Hypochlorite 7681-52-9	-	LC50: 0.06 - 0.11mg/L (96h, Pimephales promelas) LC50: 4.5 - 7.6mg/L (96h, Pimephales promelas) LC50: 0.4 - 0.8mg/L (96h, Lepomis macrochirus) LC50: 0.28 - 1mg/L (96h, Lepomis macrochirus)	-	EC50: 0.033 - 0.044mg/L (48h, Daphnia magna)

		LC50: 0.05 - 0.771mg/L (96h, Oncorhynchus mykiss) LC50: 0.03 - 0.19mg/L (96h, Oncorhynchus mykiss) LC50: 0.18 - 0.22mg/L (96h, Oncorhynchus mykiss)		
Sodium Hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

Persistence and Degradability: No information available.

Bioaccumulative potential: No information available.

Marine Pollutant: Yes

Mobility in Soil: No information available

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Dispose of in accordance with federal, state and local regulations.

Contaminated packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

UN/ID No: UN1760
Proper Shipping Name: Corrosive liquids, n.o.s., (contains sodium hypochlorite), Marine Pollutant
Hazard Class: 8
Packing Group: III
Reportable Quantity (RQ): For totes add: RQ, I.B.C.
Special Provisions: This product contains a chemical which is listed as a severe marine pollutant according to DOT. The regulated shipping description is required on all bulk packages (>119 gallons). Non-bulk shipments are not applicable to this shipping description. Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG:
UN number or ID number: UN1760
Hazard Class: 8
Packing Group: III
Reportable Quantity (RQ): For totes add: RQ, I.B.C.
Marine Pollutant: Yes
Additional information: According to IMDG Code 2.10.2.7, marine pollutants packed in single or inner packagings with a capacity of not more than 5 L or 5 kg are excluded from marine pollutant marking requirements.

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute health hazard: Yes
Chronic Health Hazard: No

Fire hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

EPA Pesticide Registration Number: 5741-20001

EPA Statement:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label:

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective eye wear (goggles/face shield/safety glasses), rubber gloves and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid breathing vapors.

16. OTHER INFORMATION

NFPA	Health hazards: 3	Flammability: 0	Instability: 0	Special hazards: -
HMIS	Health hazards: 3	Flammability: 0	Physical hazards: 0	

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Revision Note:	Section, 2, 10, 12

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet