



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**SPARQUAT 256**

Product Number: 1025

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/Spil Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Disinfectants, corrosive liquid, n.o.s., 8, UN 1903, III, contains didecyl dimethyl ammonium chloride, n-alkyl dimethyl benzyl ammonium chloride

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Dialkyl dimethyl ammonium chloride	5-10	68424-95-3	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	5-10	68424-85-1	Not Established	Not Established	Not Established	No
Nonyl phenol ethoxylate	5-10	9016-45-9	Not Established	Not Established	Not Established	No
Sodium sesquicarbonate	1-5	533-96-0	Not Established	Not Established	Not Established	No
Ethyl alcohol	1-5	64-17-5	1900	Not Established	Not Established	No
Tetrasodium ethylene diaminetetraacetate	1-5	64-02-8	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: 10-10.5	Specific Gravity (H <sub>2</sub> O=1): 1.025
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 25-26
Physical State: Liquid	
Appearance & Odor: Aqua colored liquid, slight citrus fragrance	

### 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: Products of combustion are toxic.	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure- Conditions to Avoid:	<b>CORROSIVE:</b> <b>CAUSES IRREVERSIBLE EYE DAMAGE:</b> Symptoms may include pain, redness, swelling of the conjunctiva and tissue damage. <b>CAUSES SKIN BURNS:</b> Symptoms may include pain, redness and tissue destruction. May be fatal if absorbed through the skin. <b>HARMFUL IF SWALLOWED:</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>INHALATION OF SPRAY MIST MAY BE HARMFUL OR IRRITATING:</b> Breathing spray mist may cause coughing and difficulty breathing. <b>Do not get in eyes, on skin or clothing. Do not taste or swallow. Avoid inhalation of spray mist. Wash thoroughly with soap and water after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures:</b>			
	Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Get immediate medical attention.		
	Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention. Wash contaminated clothing before reuse.		
	Ingestion: Call a poison control center or doctor immediately 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: In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.		
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.			

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong oxidizers
Hazardous Decomposition Products:	CO, CO <sub>2</sub>	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:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other water-proof gloves are recommended.
Eye Protection(Specify Type):	Splash goggles and/or face shield
Other Protective Equipment:	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:	Keep from freezing. Store at temperatures below 140 F. Keep containers closed until used. Do not contaminate drinking water; food or feed by storage or disposal. Keep out of reach of children.
Other Precautions:	California Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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**SPARQUAT 256**

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 06/01/2004

Changes: Update Sections I, II, IV, V, VII, VIII &amp; IX

Title: Manager, Regulatory Affairs

Supercedes: 11/05/99

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