



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**HEPACIDE QUAT II**

Product Number: 3251; 1251

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: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 1- Slight <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>	
Isopropyl alcohol	1-5	67-63-0	980	1225	Not Established	No
Dialkyl dimethyl ammonium chloride	< 1	68424-95-3	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	< 1	68424-85-1	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 210 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 6.0-7.0	Specific Gravity (H <sub>2</sub> O=1): 1.00 @ 75 F
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: < 1
Physical State: Liquid	
Appearance & Odor: Clear liquid, mild odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 210°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 and Ingestion

Effects of Overexposure- **Causes moderate eye irritation. Harmful if absorbed through the skin. May be harmful if swallowed. Inhalation may cause respiratory irritation.**

Conditions to Avoid: Avoid contact with eyes, skin or clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water after handling.

Conditions Aggravated by Use: Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.

**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 5 minutes; then continue rinsing eye. Call a poison control center or doctor for 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 treatment advice.

Ingestion: Do not induce vomiting. Drink one or two glasses of water to dilute product. Call a poison control center or doctor for treatment advice. 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.

**SECTION VI: REACTIVITY DATA**

Stability: Stable

Incompatible Materials: Strong oxidizers

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: Flush with water to sanitary sewer. Prevent product from contaminating streams, ponds, lakes or other bodies of water.

Waste Disposal Method: Sanitary sewer

**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): Impervious gloves are recommended for frequent or prolonged contact.

Eye Protection(Specify Type): Splash goggles or safety glasses are recommended.

Other Protective Equipment: See 29 CFR 1910.132-138

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing: Keep out of reach of children

Other Precautions: California Proposition 65 Warning: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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**HEPACIDE QUAT II**

Effective Date: 04/15/2004

Supercedes: 01/15/2002

Ref: 29 CFR 1910.1200 (OSHA)

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

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