



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

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

| <b>NFPA Ratings:</b>   | <b>HMIS Ratings:</b>  |
|--|---|
| <b>Health:</b> 1- Slight<br><b>Fire:</b> 0 - Minimal<br><b>Reactivity:</b> 0 - Minimal | <b>Health:</b> 1- Slight<br><b>Fire:</b> 0 - Minimal<br><b>Reactivity:</b> 0 - Minimal<br><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 &amp; Storing: Keep out of reach of children

Other Precautions: NA

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**HEPACIDE QUAT II**

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Changes: Update Section IX

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