



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

TB-CIDE QUAT

Product Number: 1021; 1017

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.		
NFPA Ratings:		HMIS Ratings:	
Health:	1- Slight	Health:	1- Slight
Fire:	0 - Minimal	Fire:	0 - Minimal
Reactivity:	0 - Minimal	Reactivity:	0 - Minimal
		Pers. Prot. Equip.:	B - Safety Glasses; gloves

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			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CELING mg/m ³	
*Diethylene glycol monobutyl ether	8	112-34-5	Not Established	Not Established	Not Established	No
Tetrasodium ethylene diaminetetraacetate	<2	64-02-8	Not Established	Not Established	Not Established	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point:	Approx. 209 °F	Vapor Pressure:	18 mm Hg @ 75°F
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	11.5-12.5	Specific Gravity (H ₂ O=1):	1.01
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	2-4
Physical State:	Liquid		
Appearance & Odor:	Clear to amber liquid, lemon fragrance		

▼ **SECTION IV: FIRE & EXPLOSIVE HAZARD DATA**

Flash Point:	>200 °F	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	N/A		
Special Fire Fighting Procedures:	None		
Unusual Fire & Explosive Hazards:	None known		

▼ **SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Skin Contact
Effects of Overexposure-Conditions to Avoid:	May cause skin and eye irritation. Avoid contact with skin and eyes. Inhalation may irritate throat and respiratory system.		
Conditions Aggravated by Use:	Unknown		

Emergency & First Aid Procedures:

Eyes:	In case of contact; flush eyes with water for at least 15 minutes. Remove contact lenses. Call a physician.
Skin:	Immediately flush skin with water for 15 minutes. If irritation persists; call a physician.
Ingestion:	If swallowed; drink egg whites or a gelatin solution; or if these are not available; drink large quantities of water. Call a physician immediately.

▼ **SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	None known	Hazardous Polymerization:	Will Not Occur

▼ **SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Flush with copious amounts of water into sanitary sewer system.
Waste Disposal Method:	Same as above.

▼ **SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	None required
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or waterproof gloves
Eye Protection(Specify Type):	Safety glasses
Other Protective Equipment:	None

▼ **SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Store in a dry place no lower in temperature than 50°F or higher than 120°F.
Other Precautions:	None

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TB-CIDE QUAT

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Effective 09/24/99
Date:
Changes: Address and Format

Title: Manager, Regulatory Affairs
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(OSHA)

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