



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**TB-CIDE PLUS**

Product Number: 1023

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: Flammable liquids, corrosive, n.o.s., 3, UN 2924, III, (contains isopropanol, ortho-benzyl para-chlorophenol)

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 3 - Serious <b>Fire:</b> 2 - Moderate <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 3 - Serious <b>Fire:</b> 2 - Moderate <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>	
Para-tertiary-amylphenol	5-10	80-46-6	Not Established	Not Established	Not Established	No
Ortho benzyl-para-chlorophenol	5-10	120-32-1	Not Established	Not Established	Not Established	No
*Ortho phenyl phenol	5-10	90-43-7	1 (Dow)	Not Established	Not Established	No
Isopropanol	5-10	67-63-0	980	1225	Not Established	No
Sodium hydroxide	5-10	1310-73-2	2	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: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 11.5-12.5	Specific Gravity (H <sub>2</sub> O=1): 1.07
Evaporation Rate (but. ace. =1): <1	Percent Solid by Weight: 50-55
Physical State: Liquid	
Appearance & Odor: Dark amber to purple, light lemon fragrance	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: (Tag Closed Cup) 118°F	Method Used: ASTM-D56
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Flammable Limits: N/A

Flame Extension: N/A

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Extinguishing Media: Water, foam, carbon dioxide

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Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

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Unusual Fire & Explosive Hazards: Products of combustion are toxic.

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**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral
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Effects of Overexposure-

Conditions to Avoid: **CORROSIVE:**  
**CAUSES IRREVERSIBLE EYE DAMAGE:** Symptoms may include pain, redness, swelling of the conjunctiva and tissue damage.  
**CAUSES SKIN BURNS:** Symptoms may include pain, redness and tissue destruction. Harmful if absorbed through the skin.  
**HARMFUL IF SWALLOWED:** Symptoms may include nausea, vomiting, pain and diarrhea.  
**INHALATION OF SPRAY MIST MAY CAUSE HARM OR IRRITATION:** Breathing spray mist may cause coughing and difficulty breathing.  
**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 and before eating, drinking or using tobacco.**

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 five minutes; then continue rinsing eye.

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. Wash contaminated clothing before reuse.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Avoid alcohol.

Inhalation: Remove individual to fresh air.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: Acids; other detergents; chlorine
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): Nitrile rubber; Neoprene rubber or other impervious gloves are recommended to prevent skin contact.

Eye Protection(Specify Type): Splash Goggles or face shield are recommended to prevent eye contact.

Other Protective Equipment: Long sleeve shirt and long pants. Socks and shoes. 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.

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**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing: Do not store near heat or open flame. Keep from freezing. Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children.

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Other Precautions: California Proposition 65 Warning: This product contains a chemical known to the State of California to cause cancer.

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**TB-CIDE PLUS**

Effective Date: 06/01/2004

Supersedes: 01/01/2002

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Sections II, IV, V, VIII & IX

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