



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
TB-CIDE PLUS II
 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/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Flammable liquids, corrosive, n.o.s., 3, (8), UN2924, III (contains isopropanol, sodium hydroxide)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 2 - Moderate Reactivity: 0 - Minimal	Health: 3 - Serious Fire: 2 - Moderate Reactivity: 0 - Minimal Pers. Prot. Equip.: 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 ³	STEL mg/m ³	CEILING mg/m ³	
*Ortho phenyl phenol	10-15	90-43-7	1 (Dow)	Not Established	Not Established	No
Ortho benzyl para chlorophenol	5-10	1020-32-1	Not Established	Not Established	Not Established	No
Sodium hydroxide	5-10	1310-73-2	2	Not Established	Not Established	No
Para-tertiary-amylphenol	1-5	80-46-6	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: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 12.0-13.0	Specific Gravity (H ₂ O=1): 1.07-1.10
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 50-55
Physical State: Liquid	
Appearance & Odor: Amber brown to purple, Slight citrus fragrance	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 103°F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Water spray, foam, carbon dioxide & dry chemical	
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 Oral

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 or fatal 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 other respiratory irritation.**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:** Move person to fresh air. If person is not breathing; call 911 or an ambulance; then give artificial respiration; preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.**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, CO₂**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.**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.**Other Precautions:** Keep out of reach of children.

TB-CIDE PLUS II
Ref: 29 CFR 1910.1200 (OSHA)

Effective Date: 10/23/2010
Changes: General Update

Supersedes: 01/25/2008

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