

# Spartan Chemical Company, Inc. Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

Product Number: 1013; 4840

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: Disinfectants, liquid, corrosive, n.o.s., 8, UN1903, II, (contains sodium metasilicate)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious	Health: 3 - Serious
Fire: 0 - Minimal	Fire: 0 - Minimal
Reactivity: 0 - Minimal	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.

			Table Z-1-A			
Chemical Name(s)	%Wt	CAS Registry No.	TWA mg/m³	STEL mg/m³	CEILING mg/m³	NTP, IARC or OSHA Carcinogen
Nonyl phenol ethoxylate	1-5	9016-45-9	Not Established	Not Established	Not Established	No
Sodium metasilicate	1-5	6834-92-0	Not Established	Not Established	Not Established	No
Tetrasodium EDTA	1-5	64-02-8	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium	1-5	68424-85-1	Not Established	Not Established	Not Established	No
chloride	-	-	-	-	-	-

# SECTION III: PHYSICAL DATA

Boiling Point: 210 °F	Vapor Pressure: Not determined
Vapor Density (AIR = 1): Not determined	Solubility in Water: Complete
pH: 12.8-13.1	Specific Gravity (H <sub>2</sub> O=1): 1.04
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 10-15
Physical State: Liquid	
Appearance & Odor: Red orange liquid, quat odor	

## SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 210°F	Method Used: ASTM-D56		
Flammable Limits: Not Established	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: Combustion products are toxic.			

SECTION V: HEALTH HAZARD DATA	
Threshold Limit Value:	Not est

Primary Routes of Entry: Inhalation, Skin Contact, Eyes and tablished Oral

Effects of Overexposure- CORROSIVE.

Conditions to Avoid: CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS: Symptoms may include pain, redness, swelling and tissue damage. May be fatal if absorbed through the skin.

HARMFUL IF SWALLOWED. Symptoms may include nausea, vomiting, pain and diarrhea.

INHALATION OF SPRAY MIST MAY CAUSE RESPIRATORY IRRITATION. Breathing spray mist may cause coughing and difficulty breathing.

Do not get in eyes, skin or clothing. Do not taste or swallow. Avoid inhalation of spray 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

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. Wash contaminated clothing before reuse.

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

Inhalation: In case of respiratory irritation; move person to fresh air. If person is not breathing; call 911 or an ambulance then give artificial respiration; preferably by 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.

#### SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong oxidizers
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: Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If

permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for recovery or disposal.

Same as above. Container disposal: Triple rinse (or equivalent) then offer for recycling or Waste Disposal Method:

reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and

local authorities, burn. If burned, stay out of smoke.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required when good general ventilation is provided. However, 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): Rubber or other impervious gloves are recommended to prevent skin contact.

Eye Protection(Specify Type): Splash goggles are recommended to prevent eye contact.

Other Protective Equipment: Alkali resistant aprons and boots are recommended where body or foot contact is likely. Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138 for further guidance.

# SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Keep from freezing.

Other Precautions: Keep out of reach of children.

© SCC 06/15/2007 Name: Title: Ronald T. Cook Manager, Regulatory Affairs

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Ref: 29 CFR 1910.1200 (OSHA) Changes: Add product number This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.