



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**CONSUME MICRO-MUSCLE**

Product Number: 3497

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: Non-Hazardous Products

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <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>	
Sodium tripolyphosphate	1-5	7758-29-4	Not Established	Not Established	Not Established	No
Quaternary amine	1-5	68478-94-4	Not Established	Not Established	Not Established	No
Alcohol ethoxylate	1-5	34398-01-1	Not Established	Not Established	Not Established	No
Bacterial spores (Bacillus species)	NA	NA	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 8.5-9.5	Specific Gravity (H <sub>2</sub> O=1): 1.02 @ 75 F (8.49 lbs/gal.)
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 5-10 %
Physical State: Liquid	
Appearance & Odor: Light green liquid, mild odor.	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: >200 °F	Method Used: Estimate
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Carbon dioxide, dry chemical, synthetic foam or water.	
Special Fire Fighting Procedures: Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.	
Unusual Fire & Explosive Hazards: NA	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:		Not established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes; Oral	
Effects of Overexposure-	Causes eye and skin irritation. Symptoms may include pain, redness and swelling.			
Conditions to Avoid:	Harmful if swallowed. Symptoms may include abdominal pain and diarrhea. Inhalation of product mist may cause respiratory irritation. Contains living bacterial spores. The bacteria in this product may cause infection if introduced into an open wound, broken skin or mucous membrane in sufficient quantity. <b>Do not get in eyes, on skin, or on clothing. Do not swallow. Avoid breathing product mist. Avoid contact with open wounds , broken skin or mucous membranes .</b>			
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis. Individuals with impaired immune systems or function may be especially susceptible to infection by microorganisms including the bacteria used in this product.			
<b>Emergency &amp; First Aid Procedures:</b>				
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.			
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Apply topical antiseptic agent to open wounds or broken skin. Get medical attention if irritation persists. Wash contaminated clothing before reuse.			
Ingestion:	Do not induce vomiting unless advised by physician or poison control center. Drink one or two glasses of water to dilute product. Get medical attention. Never give anything by mouth to an unconscious person.			
Inhalation:	Move person to fresh air. Get medial attention if irritation persists.			

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong oxidizers
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide	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 disposal. 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 required with normal usage.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other impervious gloves
Eye Protection(Specify Type):	Splash goggles
Other Protective Equipment:	See 29 CFR 1910.132-138.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Wash thoroughly with soap and water after handling. Keep out of reach of children.
Other Precautions:	Do not use this product on food contact surfaces in preparation or storage areas. Do not use this product on food utensils; dishes or glasses.

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**CONSUME MICRO-MUSCLE**

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 06/08/2012

Changes: General Review

Title: Manager, Regulatory Affairs

Supersedes: 06/08/2009

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