



Spartan Chemical Company, Inc.

Material Safety Data Sheet

4534

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.

Product/Technical

Information:

1-(800)-537-8990

1110 Spartan Drive

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Maumee OH 43537

Chemical Leak/Spill

Emergency:

CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description:		Non-Hazardous Products	
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.:	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)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
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 ₂ 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-Conditions to Avoid:	<p>Causes eye and skin irritation. Symptoms may include pain, redness and swelling.</p> <p>Harmful if swallowed. Symptoms may include abdominal pain and diarrhea.</p> <p>Inhalation of product mist may cause respiratory irritation.</p> <p>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.</p> <p>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.</p>		
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.		

Emergency & First Aid Procedures:

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 medical 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

Name: Ronald T. Cook
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Date:

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Supercedes: 09/22/2008

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