



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
CONTEMPO PROTEIN SOLUTION
Product Number: 3148

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:
Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 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)	%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	
Sodium tripolyphosphate	60-80	7758-29-4	Not Established	Not Established	Not Established	No
Alcohol ethoxylate	5-10	68439-46-3	Not Established	Not Established	Not Established	No
Sodium borate	5-10	1303-96-4	5	Not Established	Not Established	No
Sodium metasilicate	1-5	6834-92-0	Not Established	Not Established	Not Established	No
Bacteria culture	1-5	NA	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: N/A	Vapor Pressure: Unknown
Vapor Density (AIR = 1): N/A	Solubility in Water: Complete
pH: 9-10: (2.25% solution)	Specific Gravity (H ₂ O=1): N/A
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 100
Physical State: Powder	
Appearance & Odor: White to pale yellow powder. Citrus odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	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 established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes; Oral	
Effects of Overexposure-	Causes severe eye irritation : Symptoms may include pain, redness, swelling and possible eye damage.			
Conditions to Avoid:	Causes skin irritation : Symptoms may include pain, redness and swelling. Harmful if swallowed : Symptoms may include nausea, vomiting, pain and diarrhea. Breathing product dust may cause respiratory irritation: Symptoms may include nasal discomfort and coughing. Avoid contact with eyes and skin. Do not taste or swallow. Avoid breathing product dust. Wash thoroughly after handling.			
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:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.			
Skin:	Remove contaminated clothing. Rinse skin with water for 15 minutes. Get medical attention if irritation persists.			
Ingestion:	No not induce vomiting. Drink one or two glasses of water to dilute product. Get immediate medical attention. Do not give anything by mouth to an unconscious person.			
Inhalation:	Move person to fresh air. Get medial attention if irritation persists.			
Note to Physician: Product dissolves in water to form alkaline solution.				

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Oxidizing agents
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:	Sweep up and transfer 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 normally required when good general ventilation is provided. However if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered. (N95 recommended)
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.
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	For further guidance see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep container tightly closed and store in a cool place. Do not mix with other chemicals.
Other Precautions:	Keep out of reach of children.

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CONTEMPO PROTEIN SOLUTION

Effective Date: 07/01/2010

Supersedes: 06/08/2009

Ref: 29 CFR 1910.1200 (OSHA)

Changes: New Formula

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