



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- Conditions to Avoid:	Causes severe eye irritation : Symptoms may include pain, redness, swelling and possible eye damage. 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.

© SCC 07/01/2010

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

CONTEMPO PROTEIN SOLUTION

Effective Date: 07/01/2010

Supersedes: 06/08/2009

Ref: 29 CFR 1910.1200 (OSHA)

Changes: New Formula

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.