



Spartan Chemical Company, Inc.  
Material Safety Data Sheet

3136; 313600

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**CONTEMPO COFFEE & TEA SOLUTION**  
Product Number: 3138

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: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Secondary alcohol ethoxylate	N/A	68131-40-8	Not Established	Not Established	Not Established	No
Sodium tripolyphosphate	N/A	7758-29-4	Not Established	Not Established	Not Established	No
Tetrapotassium pyrophosphate	N/A	7320-34-5	Not Established	Not Established	Not Established	No
Methyl naphthalene sulfonate	N/A	Proprietary	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: 7.5-8.5	Specific Gravity (H <sub>2</sub> O=1): 1.06 @ 75 F
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: N/A
Physical State: Liquid	
Appearance & Odor: Clear brown liquid, mint odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: >212 °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 established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes; Oral
Effects of Overexposure:	<b>Causes eye and skin irritation:</b> Symptoms may include pain, redness and swelling.		
Conditions to Avoid:	<b>May be harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea.		
	<b>Breathing product mist may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing.		
	<b>Avoid contact with eyes and skin. Avoid breathing product mist. Do not swallow. Wash thoroughly after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures:</b>			
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Wash skin with soap and water. Get medical attention if irritation persists.		
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not 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:	Oxygen, 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 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.
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 out of reach of children.
Other Precautions:	Do not mix with other chemicals.

© SCC 06/08/2009

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

**CONTEMPO COFFEE & TEA SOLUTION**

Effective Date: 06/08/2009

Supersedes: 05/03/2006

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Sections I &amp; V

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.



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**CONTEMPO PAINT, OIL, GREASE, TAR & INK SOLUTION**

Product Number: 3140

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: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 2 - Moderate <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> *2 - Moderate; Chronic Hazard <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>	
Odorless mineral spirits	N/A	64742-48-9	Not Established	Not Established	Not Established	No
*2-Butoxyethanol	15-20	111-76-2	240 [skin] 96	Not Established	Not Established	No
d-limonene	N/A	5989-27-5	Not Established	Not Established	Not Established	No
Secondary alcohol ethoxylate	N/A	68131-40-8	Not Established	Not Established	Not Established	No

Comment: \*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

### SECTION III: PHYSICAL DATA

Boiling Point: 340 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Slight
pH: N/A	Specific Gravity (H <sub>2</sub> O=1): 0.85 @ 75 F
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: N/A
Physical State: Liquid	
Appearance & Odor: Clear liquid with solvent odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 125°F	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Dry chemical, water spray, Carbon dioxide	
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: Combustible liquid and vapor. Keep away from heat, sparks or flame. 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:	<b>Causes eye and skin irritation:</b> Symptoms may include pain, redness and swelling. <b>Harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>Breathing product vapors or mist may cause respiratory irritation:</b> Symptoms may include coughing and difficulty breathing. Contains 2-butoxyethanol which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data. <b>Avoid contact with eyes and skin. Avoid breathing product vapors or mists. Do not swallow.</b> <b>Use with adequate ventilation. Wash thoroughly after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures:</b>			
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Wash skin with soap and water. Get medical attention if irritation persists.		
Ingestion:	Do not induce vomiting. Get immediate medical attention. Do not 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:	Oxygen, 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:	Dike and contain spills with inert material 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 required when good ventilation is provided.
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:	Combustible liquid and vapors. Flash Point 125°F. Keep away from heat, sparks or flame. Store in a cool, dry area. Keep container tightly closed. Keep out of reach of children.
Other Precautions:	Do not mix with other chemicals.

© SCC 06/01/2007

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

**CONTEMPO PAINT, OIL, GREASE, TAR  
& INK SOLUTION**

Effective Date: 06/01/2007

Supercedes: 05/03/2006

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Section II

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.



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**CONTEMPO RED DYE SOLUTION**  
Product Number: 3142

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: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 2 - Moderate <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> *2 - Moderate; Chronic Hazard <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>	
*2-Butoxyethanol	5-10	111-76-2	240 [skin] 96	Not Established	Not Established	No
Secondary alcohol ethoxylate	N/A	68131-40-8	Not Established	Not Established	Not Established	No
Methyl naphthalene sulfonate	N/A	Proprietary	Not Established	Not Established	Not Established	No
*Ammonium hydroxide	1-5	1336-21-6	35 (ammonia)	Not Established	Not Established	No

Comment: \*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 9.0-10.0	Specific Gravity (H <sub>2</sub> O=1): 0.99 @ 75 F
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: N/A
Physical State: Liquid	
Appearance & Odor: Clear liquid with slight blue tinge.	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: >212 °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 established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes; Oral
Effects of Overexposure- Conditions to Avoid:	<b>Causes eye and skin irritation:</b> Symptoms may include pain, redness and swelling. <b>Harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>Breathing product vapors or mist may cause respiratory irritation:</b> Symptoms may include coughing and difficulty breathing. Contains 2-butoxyethanol which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data. <b>Avoid contact with eyes and skin. Avoid breathing product vapors or mists. Do not swallow.</b> <b>Use with adequate ventilation. Wash thoroughly after handling.</b>
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.
<b>Emergency &amp; First Aid Procedures:</b>	
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Wash skin with soap and water. Get medical attention if irritation persists.
Ingestion:	No not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not 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; hypochlorites (household bleach)
Hazardous Decomposition Products: Oxygen, 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 when good ventilation is provided.
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 out of reach of children.
Other Precautions:	Do not mix with other chemicals.

© SCC 06/01/2007

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

**CONTEMPO RED DYE SOLUTION**

Effective Date: 06/01/2007

Supersedes: 05/03/2006

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Section II

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.



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**CONTEMPO RUST SOLUTION**  
Product Number: 3144

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: ORM-D, Consumer commodity

NFPA Ratings:	HMS Ratings:
Health: 3 - Serious Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 3 - Serious 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Ammonium bifluoride	10	1341-49-7	2.5 (Fluorine)	Not Established	Not Established	Not Established

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 5	Specific Gravity (H <sub>2</sub> O=1): 1.03 @ 75 F
Evaporation Rate (but.acet.=1): <1	Percent Solid by Weight: N/A
Physical State: Liquid	
Appearance & Odor: Clear brown liquid	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: >212 °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 and may contain hydrofluoric acid.	

#### 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:	<b>CORROSIVE:</b> <b>Causes severe eye damage or irritation:</b> Symptoms include chemical burns, pain, redness, swelling of the conjunctiva, tissue destruction and possible permanent corneal damage. <b>Causes severe skin damage or irritation:</b> Symptoms include chemical burns, pain, redness and tissue destruction. Harmful contact may not cause immediate pain. <b>Harmful or fatal if swallowed:</b> Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. <b>Breathing product vapor or mist may cause respiratory irritation:</b> Symptoms may include coughing and difficulty breathing. <b>Avoid contact with eyes, skin and clothing. Avoid breathing product vapors or mists. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures:</b>			
	<b>Eyes:</b> Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
	<b>Skin:</b> Wash skin with soap and water. Get medical attention if irritation persists.		
	<b>Ingestion:</b> Get medical attention immediately. Do not induce vomiting. Drink one or two glasses of milk or water to dilute product. Antacids such as calcium carbonate or milk of magnesia may also be given by mouth. Do not give anything by mouth to an unconscious person.		
	<b>Inhalation:</b> Move person to fresh air. Get medical attention if irritation persists.		
Note to Physician: Administer 1% calcium gluconate and/or magnesium citrate if swallowed. Gastric lavage with calcium gluconate may be considered.			

#### SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Reacts with metals and glass
Hazardous Decomposition Products:	NH <sub>3</sub> , HF	Hazardous Polymerization:	Will Not Occur

#### SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Contain spill with inert material and transfer to appropriate container 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.
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. Keep out of reach of children.
Other Precautions:	Do not mix with other chemicals.

© SCC 06/08/2009

CONTEMPO RUST SOLUTION  
Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook  
Effective Date: 06/08/2009  
Changes: Update Section I

Title: Manager, Regulatory Affairs  
Supercedes: 05/03/2006

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.





# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**CONTEMPO PET & FOUL ODOR SOLUTION**  
Product Number: 3146

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: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Polyethoxylated nonylphenol	NA	127087-87-0	Not Established	Not Established	Not Established	No
Dipropylene glycol	NA	25265-71-8	Not Established	Not Established	Not Established	No
Sodium xylene sulfonate	NA	1300-72-7	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: 7.0-8.0	Specific Gravity (H <sub>2</sub> O=1): 1.00 @ 75 F
Evaporation Rate (but.ac.=1): <1	Percent Solid by Weight: 1-5 %
Physical State: Liquid	
Appearance & Odor: Clear liquid, strong odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: >212 °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 established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes; Oral
Effects of Overexposure:	<b>May cause eye and skin irritation:</b> Symptoms may include pain, redness and swelling.		
Conditions to Avoid:	<b>May be harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>Breathing product vapors or mist may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing. <b>Avoid contact with eyes and skin. Avoid breathing product mists. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures:</b>			
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Wash skin with soap and water. Get medical attention if irritation persists.		
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not 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:	Oxygen, 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 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.
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 out of reach of children.
Other Precautions:	Do not mix with other chemicals.

© SCC 06/08/2009

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

**CONTEMPO PET & FOUL ODOR SOLUTION**

Effective Date: 06/08/2009

Supercedes: 05/03/2006

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Sections I &amp; V

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.



# 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Sodium tripolyphosphate	NA	7758-29-4	Not Established	Not Established	Not Established	No
Sodium carbonate	NA	497-19-8	Not Established	Not Established	Not Established	No
Sodium metasilicate	NA	6834-92-0	Not Established	Not Established	Not Established	No
Trisodium phosphate	NA	10101-89-0	Not Established	Not Established	Not Established	No
Secondary alcohol ethoxylate	NA	68131-40-8	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: 11: (1% solution)	Specific Gravity (H <sub>2</sub> O=1): N/A
Evaporation Rate (but. ace.=1): <1	Percent Solid by Weight: 100
Physical State: Powder	
Appearance & Odor: Yellow powder	

### 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:	<b>Causes severe eye damage or irritation:</b> Symptoms may include pain, redness, swelling and possible permanent eye damage. <b>Causes skin irritation:</b> Symptoms may include pain, redness and swelling. <b>May be a skin sensitizer.</b> <b>Harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>Breathing product dust may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing. <b>Avoid contact with eyes and skin. Do not swallow. Avoid breathing product dust. Wash thoroughly after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin, eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures :</b>			
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Wash skin thoroughly with soap and water. 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.		

## 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.
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. Avoid applying diluted product as a fine spray.
Other Precautions:	Keep out of reach of children.

© SCC 06/08/2009	Name:	Ronald T. Cook	Title:	Manager, Regulatory Affairs
CONTEMPO PROTEIN SOLUTION	Effective Date:	06/08/2009	Supersedes:	05/03/2006
Ref: 29 CFR 1910.1200 (OSHA)	Changes:	Update Sections I & V		

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.