



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
CONTEMPO TANNIN BROWNING TREATMENT
Product Number: 3150

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:
Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: B - Safety Glasses; gloves

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	
Citric Acid	10-20	77-92-9	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 200-210 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 1.0-2.0	Specific Gravity (H ₂ O=1): 1.09
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 20
Physical State: Liquid	
Appearance & Odor: Clear	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: None	
Unusual Fire & Explosive Hazards: N/A	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid:	Causes severe eye irritation. Causes skin irritation. May be harmful if swallowed. Inhalation of product mist may cause respiratory irritation. Do not get in eyes on skin or on clothing. Do not swallow. Avoid breathing product mist.
Conditions Aggravated by Use:	Unknown
Emergency & First Aid Procedures:	
Eyes:	In case of contact: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention immediately.
Skin:	In case of contact; immediately flush skin with plenty of water for 15 minutes. If irritation persists; get medical attention.
Ingestion:	If swallowed; do not induce vomiting. Drink 1 or 2 glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong alkalis; hypochlorites (chlorine bleach) ; aluminum and other reactive metals
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Small quantities may be flushed with large amounts of water into sanitary sewer. Larger quantities should be picked up with absorbent material and disposed of in accordance with Federal, state, and local regulations.
Waste Disposal Method:	Same as above.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Acid resistant
Eye Protection(Specify Type):	Goggles
Other Protective Equipment:	None

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep out of reach of children
Other Precautions:	None

© SCC 10/27/99

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

CONTEMPO TANNIN BROWNING TREATMENT

Effective Date: 10/27/99

Ref: 29 CFR 1910.1200 (OSHA)

Changes: New Product

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.