



# 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, cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> 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			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	No

### 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
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: N/A
Physical State: Liquid	
Appearance & Odor: Clear brown liquid	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: CO <sub>2</sub> , Foam, Dry Chemical	
Special Fire Fighting Procedures: N/A	
Unusual Fire & Explosive Hazards: N/A	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Corrosive to eyes and skin. Harmful or fatal if swallowed. May cause respiratory irritation. Avoid Conditions to Avoid: contact with eyes and skin. Do not swallow. Avoid breathing product vapor or mist.	
Conditions Aggravated by Use: Unknown	
<b>Emergency &amp; First Aid Procedures:</b>	
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.	
Skin: Wash with soap and water. If irritation persists; get medical attention.	
Ingestion: If swallowed: Do not induce vomiting. If person is conscious and able to swallow give 1-2 glasses of milk (preferred) or water immediately. Get medical attention immediately. Antacids such as calcium carbonate or milk of magnesia may also be given by mouth.	
Inhalation: In case of respiratory irritation; move person to fresh air.	
Note to Physician: Administer 1% calcium gluconate and/or magnesium citrate or magnesium sulfate if swallowed. Gastric lavage with 1% 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: Absorb solution with inert material and transfer to an appropriate container for disposal.
Waste Disposal Method: Dispose of according to State, Local and Federal regulations.

**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): Impervious gloves
Eye Protection(Specify Type): Goggles
Other Protective Equipment: N/A

**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 RUST SOLUTION**

Effective Date: 10/28/99

Ref: 29 CFR 1910.1200 (OSHA)

Changes: New Product

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