



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

705503

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**CLOTHESLINE FRESH IODINE & BETADINE  
 REMOVER [S5]**  
 Product Number: 7055

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	
<b>NFPA Ratings:</b>	
<b>Health:</b>	1 - Slight
<b>Fire:</b>	0 - Minimal
<b>Reactivity:</b>	0 - Minimal
<b>HMIS Ratings:</b>	
<b>Health:</b>	*1 - Slight; 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)	% W	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 thiosulfate pentahydrate	1-5	10102-17-7	Not Established	Not Established	Not Established	No
Sodium sulfite	< 1.0	7757-83-7	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:	9.0-9.5	Specific Gravity (H <sub>2</sub> O=1):	1.022
Evaporation Rate (but. ace. = 1):	<1	Percent Solid by Weight:	1-5
Physical State:	Liquid		
Appearance & Odor:	Clear liquid, mild odor.		

## ▼ SECTION IV: FIRE &amp; EXPLOSIVE HAZARD DATA

Flash Point:	> 212°F	Method Used:	ASTM-D56
Flammable Limits:	N/A	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:	Burning may yield toxic sulfur dioxide gas. Combustion products are toxic.		

## ▼ SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Skin Contact, Eyes and Oral
Effects of Overexposure- Conditions to Avoid:	<p><b>May cause eye irritation:</b> Symptoms may include pain, redness, swelling and tearing</p> <p><b>May cause skin irritation:</b> Symptoms may include pain, redness and swelling.</p> <p><b>May be harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea.</p> <p><b>Inhalation of product mist may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing. Contains sodium sulfite which can cause allergic skin and respiratory reactions. Sulfite sensitive individuals and people with asthma may experience severe reactions from exposure to this product. <b>Avoid contact with eyes, skin or clothing that is being worn. Do not taste or swallow. Avoid breathing product mist. Wash thoroughly after handling.</b></p>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

## Emergency &amp; First Aid Procedures:

Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation or dizziness; move person to fresh air. Get medical attention if irritation persists.

## ▼ SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Strong oxidizers. Reacts with acids to form toxic & irritating sulfur dioxide gas and/or hydrogen sulfide gas.
Hazardous Decomposition Products:	Thermal decomposition may produce oxides of sulfur, carbon and nitrogen as well as other toxic decomposition products.	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 recovery or disposal. Keep spill out of storm sewers and waterways.
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Waste Disposal Method:	Dispose of in compliance with all federal, state and local laws and regulations.
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## ▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not required with expected use.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	None required with expected use.
Eye Protection(Specify Type):	None required with expected use.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

## ▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep out of reach of children.
Other Precautions:	Avoid contact with acids. Wash thoroughly with soap and water after handling.

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CLOTHESLINE FRESH IODINE &  
BETADINE REMOVER [S5]

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Effective 12/04/2008  
Date:

Title: Manager, Regulatory Affairs

Ref: 29 CFR 1910.1200 (OSHA) Changes: New Product

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