



## Spartan Chemical Company, Inc.

### Material Safety Data Sheet

#### SECTION I: PRODUCT INFORMATION

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

**GRUB SCRUB**

Product Number: 2809; 2810

**Spartan Chemical Company, Inc.****1110 Spartan Drive****Maumee OH 43537**

Product Division:

**Janitorial**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>	1- Slight	<b>Health:</b>	1- Slight
<b>Fire:</b>	2 - Moderate	<b>Fire:</b>	2 - Moderate
<b>Reactivity:</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>	
C9-11 Parath-6	5-10	68991-48-0	Not Established	Not Established	Not Established	No
Limonene	5-10	5989-27-5	Not Established	Not Established	Not Established	No
Mineral oil	1-5	8042-47-5	Not Established	Not Established	Not Established	No
Pumice	1-5	1332-09-8	Not Established	Not Established	Not Established	No
Carbomer	1-5	9003-01-4	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point:	>200 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Emulsifiable
pH:	5.5-6.5	Specific Gravity (H <sub>2</sub> O=1):	1.02
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	10-15
Physical State:	Liquid		
Appearance & Odor:	Viscous white liquid, orange fragrance		

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	114°F	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	Water, carbon dioxide or dry chemical.		
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:	<p>May cause eye irritation with symptoms of pain, redness and swelling of the conjunctiva.</p> <p>May be harmful if swallowed with symptoms of abdominal pain, nausea and diarrhea. Contains d-limonene which may cause skin sensitization with repeated contact. Product is designed for use on hands but should be rinsed off with water after use.</p> <p><b>Avoid contact with eyes. Do not swallow.</b></p> <p><b>Discontinue use if signs of skin irritation or rash appear.</b></p>		
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 plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Rinse hands thoroughly with water after use.
Ingestion:	Do not induce vomiting. Get immediate medical attention. Do not give anything by mouth to an unconscious person.

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong acids and oxidizing agents
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:	Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) 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:	None required
Ventilation:	Provide good general ventilation.
Protective Gloves(Specify Type):	None required.
Eye Protection(Specify Type):	None required
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Combustible liquid and vapor. Flash Point 114°F . Keep container tightly closed. Store in a cool, dry area. Do not freeze. Do not store above 114°F. Do not mix with other chemicals.
Other Precautions:	Keep out of reach of children.

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GRUB SCRUB

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Title: Manager, Regulatory Affairs  
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