



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

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: 1- Slight Fire: 2 - Moderate Reactivity: 0 - Minimal	Health: 1- Slight Fire: 2 - Moderate Reactivity: 0 - Minimal Pers. Prot. Equip.: A - Safety Glasses

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 ³	STEL mg/m ³	CEILING mg/m ³	
d-limonene	05-10	5989-27-5	Not Established	Not Established	Not Established	No
Pumice	01-05	1332-09-8	Not Established	Not Established	Not Established	No
Mineral oil	01-05	8042-47-5	Not Established	Not Established	Not Established	No
Quaternary, ethoxylated alcohol	01-05	Proprietary	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 200-212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Emulsifiable
pH: 5.5-6.5	Specific Gravity (H ₂ O=1): 1.02
Evaporation Rate (but.ac.=1): <1	Percent Solid by Weight: 13-15
Physical State: Paste	
Appearance & Odor: White paste, orange fragrance	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 114°F	Method Used: ASTM-D93
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: N/A	
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: Eyes
Effects of Overexposure- May cause eye irritation. Harmful if swallowed. Contains an ingredient that may cause skin sensitization. Avoid contact with eyes. Do not swallow. Product is designed for skin use but should be rinsed off with water.	
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. If irritated; get medical attention.	
Skin: When finished using; rinse product from skin with water.	
Ingestion: If swallowed; give large quantities of water. Do not induce vomiting. Get medical attention.	

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong oxidizers
Hazardous Decomposition Products: CO, CO ₂	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Large spills (1 case or more) should be contained and disposed of in accordance with applicable governmental 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): None required
Eye Protection(Specify Type): None required
Other Protective Equipment: None required

SECTION IX: SPECIAL PRECAUTIONS

Precautions: Handling & Storing: Keep from freezing. Do not store at temperatures above 120°F.
Other Precautions: None

© SCC 09/23/99 Name: Ronald T. Cook Title: Manager, Regulatory Affairs
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