



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:	
Health:	1 - Slight
Fire:	2 - Moderate
Reactivity:	0 - Minimal
HMIS Ratings:	
Health:	1 - Slight
Fire:	2 - Moderate
Reactivity:	0 - Minimal
Pers. Prot. Equip.:	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 ³	STEL mg/m ³	CEILING mg/m ³	
C9-11 Pareth-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 ₂ 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. 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>Avoid contact with eyes. Do not swallow.</p> <p>Discontinue use if signs of skin irritation or rash appear.</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

Name: Ronald T. Cook
Effective 05/03/2006
Date:

Title: Manager, Regulatory Affairs
Supersedes: 03/04/1999

Ref: 29 CFR 1910.1200 (OSHA) Changes: General update

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