



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: Non-Hazardous Products

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.: 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)	%Wt	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-	May cause eye irritation with symptoms of pain, redness and swelling of the conjunctiva.		
Conditions to Avoid:	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. Avoid contact with eyes . Do not swallow . Discontinue use if signs of skin irritation or rash appear .		
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.

© SCC 06/08/2012

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

GRUB SCRUB

Effective Date: 06/08/2012

Supersedes: 06/08/2009

Ref: 29 CFR 1910.1200 (OSHA)

Changes: General Review

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.