



Revision Date: 24-Mar-2025

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: GRUB SCRUB
Product Code: 2809 , 2810
Recommended Use: Hand cleaner
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone

Numbers:
Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Serious eye damage/eye irritation: Category 2B
Skin sensitization: Category 1

Label elements

Signal word:

Warning

Symbols:



Hazard statements:

Causes eye irritation
May cause an allergic skin reaction

Precautionary Statements - Prevention:

Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response:

Eyes:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin:

IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

-Specific Treatment:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Precautionary Statements - Storage: Not applicable.

Precautionary Statements - Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards not otherwise classified (HNOC): Not applicable

Other hazards: • May be harmful if swallowed

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Water	7732-18-5	60-80
C13-14 Alkane	64742-47-8	3-7
Pumice	1332-09-8	3-7
Mineral Oil	8042-47-5	1-5
C9-11 Alcohols Ethoxylated	68439-46-3	1-5
Undeceth-3	34398-01-1	1-5
Limonene	5989-27-5	1-5
Phenoxyethanol	122-99-6	0.1-1
PEG-15 Cocomonium Chloride	61791-10-4	0.1-1
Polyacrylic Acid	9003-01-4	0.1-1
Caprylyl Glycol	1117-86-8	0.1-1
Fragrance	PROPRIETARY	0.1-1
Sodium Hydroxide	1310-73-2	0.1-1
Decylene Glycol	1119-86-4	<0.1
Linalool	78-70-6	<0.1
Decanal	112-31-2	<0.1
BHT	128-37-0	<0.1
Citral	5392-40-5	<0.1
Homogeranyl Nitrile	61792-11-8	<0.1
Tocopheryl Acetate	7695-91-2	<0.1
Aloe Barbadosensis Leaf Juice	85507-69-3	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.

Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire.

Specific Hazards Arising from the Chemical: Dried product is capable of burning. Combustion products are toxic.

Hazardous Combustion Products: May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters: Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions:	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for cleaning up:	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on safe handling:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions:	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³
BHT 128-37-0	TWA: 2 mg/m ³ inhalable fraction and vapor	(vacated) TWA: 10 mg/m ³	TWA: 10 mg/m ³
Citral 5392-40-5	TWA: 5 ppm inhalable fraction and vapor Sk* dermal sensitizer	-	-

Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
------------------------------	---

Individual protection measures, such as personal protective equipment

Eye/face protection:	Not required with expected use.
Skin and body protection:	Not required with expected use.
Respiratory protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General hygiene considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Liquid
Color:	White
Odor:	Orange
Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	6.0-7.0	
Melting Point / Freezing Point:	No data available	
Boiling Point / Boiling Range:	> 94 °C / 200 °F	
Flash Point:	> 100 °C / 212 °F	ASTM D56
Evaporation Rate:	< 1	(Butyl acetate = 1)
Flammability (solid, gas):	No data available	No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:	No data available	
Lower Flammability Limit:	No data available	
Vapor Pressure:	No data available	No information available
Vapor Density:	No data available	No information available

Relative Density:	1.02	
Solubility(ies):	partially miscible	
Partition Coefficient:	No data available	No information available
Autoignition Temperature:	Not applicable	
Decomposition Temperature:	Not applicable	
Kinematic Viscosity:	No information available	No information available
Particle characteristics:	Not applicable	

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Extremes of temperature and direct sunlight
Incompatible materials:	Strong oxidizing agents. Strong acids.
Hazardous decomposition products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
Eye contact:	Pain, redness and swelling of the conjunctiva.
Skin contact:	No known effect.
Inhalation:	None known.
Ingestion:	Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information: Data not available or insufficient for classification.

Acute toxicity

Numerical measures of toxicity:

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	17,632.90 mg/kg
ATEmix (dermal)	26,648.50 mg/kg

Component Information:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
C13-14 Alkane 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Mineral Oil 8042-47-5	> 5000 mg/kg (Rat)	-	-
C9-11 Alcohols Ethoxylated 68439-46-3	= 1400 mg/kg (Rat)	-	-
Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Phenoxyethanol 122-99-6	= 1850 mg/kg (Rat)	= 5 mL/kg (Rabbit)	> 0.057 mg/L (Rat) 8 h
PEG-15 Cocomonium Chloride 61791-10-4	= 580 mg/kg (Rat)	-	-
Polyacrylic Acid 9003-01-4	= 2500 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h
Caprylyl Glycol 1117-86-8	-	-	> 7.015 mg/L (Rat) 4 h
Sodium Hydroxide 1310-73-2	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-
Decylene Glycol	-	> 2000 mg/kg (Rat)	-

1119-86-4			
Linalool 78-70-6	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-
Decanal 112-31-2	= 3730 mg/kg (Rat)	= 5040 mg/kg (Rabbit)	-
BHT 128-37-0	> 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Citral 5392-40-5	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-
Homogeranyl Nitrile 61792-11-8	= 2600 mg/kg (Rat)	-	-
Tocopheryl Acetate 7695-91-2	-	> 3000 mg/kg (Rat)	-

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
C13-14 Alkane 64742-47-8	-	LC50: =45mg/L (96h, Pimephales promelas) LC50: =2.2mg/L (96h, Lepomis macrochirus) LC50: =2.4mg/L (96h, Oncorhynchus mykiss)	-	-
Mineral Oil 8042-47-5	-	LC50: >10000mg/L (96h, Lepomis macrochirus)	-	-
Limonene 5989-27-5	-	LC50: 0.619 - 0.796mg/L (96h, Pimephales promelas) LC50: =35mg/L (96h, Oncorhynchus mykiss)	-	-
Phenoxyethanol 122-99-6	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: 337 - 352mg/L (96h, Pimephales promelas) LC50: =366mg/L (96h, Pimephales promelas)	EC50 = 32.4 mg/L 5 min EC50 = 880 mg/L 17 h	EC50: >500mg/L (48h, Daphnia magna)
Polyacrylic Acid 9003-01-4	-	LC50: =580mg/L (96h, Lepomis macrochirus)	-	-
Caprylyl Glycol 1117-86-8	-	LC50: 2.2 - 22mg/L (96h, Danio rerio)	-	-
Sodium Hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-
Linalool 78-70-6	EC50: =88.3mg/L (96h, Desmodesmus subspicatus)	LC50: =27.8mg/L (96h, Oncorhynchus mykiss)	-	EC50: =20mg/L (48h, Daphnia magna)
Decanal 112-31-2	-	LC50: =1.45mg/L (96h, Oncorhynchus mykiss)	-	-
BHT 128-37-0	EC50: =6mg/L (72h, Pseudokirchneriella subcapitata) EC50: >0.42mg/L (72h, Desmodesmus subspicatus)	-	-	-
Citral 5392-40-5	EC50: =16mg/L (72h, Desmodesmus subspicatus) EC50: =19mg/L (96h,	-	-	EC50: =7mg/L (48h, Daphnia magna)

	Desmodosmus subspicatus)			
Tocopheryl Acetate 7695-91-2	-	LC50: >100mg/L (96h, Oncorhynchus mykiss)	-	-

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility in Soil: No information available

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Dispose of in accordance with federal, state and local regulations.

Contaminated packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

Proper Shipping Name: Non-Hazardous Product

Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG: Not Regulated

Proper Shipping Name: Non-Hazardous Product

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute health hazard:	Yes
Chronic Health Hazard:	No
Fire hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA	Health hazards: 1	Flammability: 0	Instability: 0	Special hazards: -
HMIS	Health hazards: 1*	Flammability: 0	Physical hazards: 0	

Revision Date: 24-Mar-2025

Revision Note: Section, 2, 11, 12

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information

relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet