



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2127501	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SANI-SCRUBZ	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Water Spot & Stain Remover	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Classification of the substance or mixture: EYE IRRITATION - Category 2B (Mild Irritant, Reversible in 7 days.)	SIGNAL WORD: WARNING	SYMBOL: None.
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HAZARD STATEMENTS:

Causes eye irritation.

PRECAUTIONARY STATEMENTS:

Prevention: When storing, handling, transferring or repackaging large quantities, wear eye or face protection. Wash hands thoroughly after handling.

Response: 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 attention.

Storage: Not applicable.

Disposal: Not applicable.

HAZARDS NOT OTHERWISE SPECIFIED:

None known.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Sodium dodecylbenzenesulfonate	25155-30-0	5 - 10
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	34398-01-1	5 - 10

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Substance/Mixture: Mixture

Other means of Identification: Not available.

Cas number/other identifiers:

Cas Number: Not applicable.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Avoid contact with eyes. **If in contacted with eyes:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. If irritation persists, get medical attention.

SKIN: Avoid contact with skin. **If in contacted with skin:** Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

INHALATION:

Avoid breathing vapor or mist. **If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

INGESTION:

Do not ingest. **If ingested:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Potential Acute Health Effects:

Eye Contact: Causes eye irritation.

Inhalation: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Ingestion: May be irritating to mouth, throat and stomach.

Over-exposure signs/symptoms:

Eye Contact: Adverse symptoms may include the following:

- irritation
- watering
- redness

Inhalation: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Notes to Physician: Treat symptomatically.

Specific Treatments: No specific treatment.

Protection of First-Aiders: No special protection is required.

See toxicological information (Section 11)

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use an extinguishing agent suitable for the surrounding fire.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No specific fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials:

- carbon dioxide
- carbon monoxide
- sulfur oxides
- metal oxide/oxides

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS:

No special protection is required.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

For Non-Emergency Personnel: Put on appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

ENVIRONMENTAL PRECAUTIONS:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES:

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS: None.

ENVIRONMENTAL EXPOSURE CONTROLS:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: None required.

Skin Protection: Hand Protection: None required.

Body Protection: None required.

Other Skin Protection: None required.

Respiratory Protection: None required.

General Hygiene Considerations: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

APPROPRIATE ENGINEERING CONTROLS:

None required.

9. Physical & Chemical Properties

Physical State:	Cream.	Flammability(solid/gas):	Non-flammable.
Color:	White to off-white.	Lower and Upper Explosive (Flammable) Limits:	Not applicable.
Odor:	Mint.	Vapor Density:	Not applicable.
Odor Threshold:	Not applicable.	Vapor Pressure:	Not applicable.
pH:	5 [Conc. (% w/w): 1%]	Relative Density:	1.099
Melting Point:	Not applicable.	Solubility (water):	Mostly soluble.
Boiling Point:	Not available.	Auto-Ignition Temp:	Not applicable.
Viscosity:	Water	Decomposition Temp:	Not available.
Flash Point:	Non-flammable.	Partition Coeff(n-octanol/water):	Not available.
Burning Time:	Not applicable.	SADT:	Not available.
Burning Rate:	Not applicable.	Evaporation Rate:	Not available.

10. Stability & Reactivity Information**REACTIVITY:**

No specific test data related to reactivity available for this product or its ingredients.

CHEMICAL STABILITY:

The product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID:

No specific data.

INCOMPATIBLE MATERIALS:

Reactive or incompatible with the following materials: oxidizing materials and acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information**INFORMATION ON TOXICOLOGICAL EFFECTS:****ACUTE TOXICITY:**

Product/Ingredient Name	Result	Species	Dose	Exposure
Sodium dodecylbenzenesulfonate	LC50 Inhalation Vapor	Rat	310 mg/m ³	4 hours
	LD50 Oral	Rat	438 mg/kg	-

IRRITATION/CORROSION:

Product/Ingredient Name	Result	Species	Score	Exposure	Observation
Sodium dodecylbenzenesulfonate	Eyes - Severe irritant	Rabbit	-	24 hours 250 µg	-
	Eyes - Severe irritant	Rabbit	-	1%	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 mg	-

SENSITIZATION:

There is no applicable data.

MUTAGENICITY:

There is no applicable data.

CARCINOGENICITY:

There is no applicable data.

REPRODUCTIVE TOXICITY:

There is no applicable data.

TERATOGENICITY:

There is no applicable data.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):

There is no applicable data.

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):

There is no applicable data.

ASPIRATION HAZARD:

There is no applicable data.

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:

Routes of entry anticipated: Oral, Dermal, Inhalation.

POTENTIAL ACUTE HEALTH EFFECTS:

Eye Contact: Causes eye irritation.

Inhalation: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Ingestion: May be irritating to mouth, throat and stomach.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Eye Contact: Adverse symptoms may include the following:

irritation

watering

redness

Inhalation: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE:

SHORT TERM EXPOSURE:**Potential Immediate Effects:** No known significant effects or critical hazards.**Potential Delayed Effects:** No known significant effects or critical hazards.**LONG TERM EXPOSURE:****Potential Immediate Effects:** No known significant effects or critical hazards.**Potential Delayed Effects:** No known significant effects or critical hazards.**POTENTIAL CHRONIC HEALTH EFFECTS:****General:** No known significant effects or critical hazards.**Carcinogenicity:** No known significant effects or critical hazards.**Mutagenicity:** No known significant effects or critical hazards.**Teratogenicity:** No known significant effects or critical hazards.**Developmental Effects:** No known significant effects or critical hazards.**Fertility Effects:** No known significant effects or critical hazards.**NUMERICAL MEASURES OF TOXICITY****ACUTE TOXICITY ESTIMATES:**

Route	ATE value
Oral	3133.1 mg/kg
Dermal	14175.3 mg/kg

12. Ecological Information**TOXICITY:**

Product/Ingredient Name	Result	Species	Exposure
Sodium dodecylbenzenesulfonate	Acute EC50 29000 µg/l Fresh water	Algae - Chlorella pyrenoidosa – Exponential growth phase	96 hours
	Acute EC50 7.81 mg/L Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute EC50 5.88 ppm Fresh water Acute IC50 112.4 mg/L	Daphnia - Daphnia magna Algae - Pseudokirchneriella subcapitata – Exponential growth phase	48 hours 72 hours
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	Acute LC50 1.18 ppm Fresh water	Fish - Lepomis macrochirus	96 hours
	Acute EC50 6700 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 7100 µg/l Fresh water	Fish - Pimephales promelas	96 hours

PERSISTENCE AND DEGRADABILITY:

There is no data available.

BIOACCUMULATIVE POTENTIAL:

Product/Ingredient Name	LogPow	BCF	Potential
Sodium dodecylbenzenesulfonate	1.96	-	low

MOBILITY IN SOIL:**Soil/water partition coefficient (Koc):** There is no data available.**OTHER ADVERSE EFFECTS:**

No known significant effects or critical hazards.

13. Disposal Consideration**DISPOSAL METHODS:**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transportation Information

	DOT CLASSIFICATION	IMDG	IATA
Additional Information:			
UN Number:	Not regulated.	Not regulated.	Not regulated.
UN Proper Shipping Name:	-	-	-
Transport Hazard Class(es):	-	-	-
Packing Group:	-	-	-
Environmental Hazards:	No.	No.	No.

SPECIAL PRECAUTIONS FOR USER:**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:**

Not available.

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

TSCA 8(a) CDR Exempt/Partial Exemption: Not determined.
United States Inventory (TSCA 8b): Not determined.
Clean Water Act (CWA) 311: Sodium dodecylbenzenesulfonate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.
Clean Air Act Section 602 Class I Substances: Not listed.
Clean Air Act Section 602 Class II Substances: Not listed.
DEA List I Chemicals (Precursor Chemicals): Not listed.
DEA List II Chemicals (Essential Chemicals): Not listed.

SARA 302/304

COMPOSITION/INFORMATION ON INGREDIENTS:

No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312

Classification: Immediate (acute) health hazard

COMPOSITION/INFORMATION ON INGREDIENTS:

Name	%	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (Acute) Health Hazard	Delayed (Chronic) Health Hazard
Sodium dodecylbenzenesulfonate	5 - 10	No.	No.	No.	Yes.	No.
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	5 - 10	No.	No.	No.	Yes.	No.

STATE REGULATIONS:

Massachusetts: The following components are listed: Sodium dodecylbenzenesulfonate

New York: The following components are listed: Sodium dodecylbenzenesulfonate

New Jersey: The following components are listed: Sodium dodecylbenzenesulfonate

Pennsylvania: The following components are listed: Sodium dodecylbenzenesulfonate

California Prop. 65: No products were found.

INTERNATIONAL REGULATIONS:

International Lists:

Australia Inventory (AICS): Not determined.

China inventory (IECSC): Not determined.

Japan Inventory: Not determined.

Korea Inventory: Not determined.

Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): Not determined.

Philippines Inventory (PICCS): Not determined.

Taiwan Inventory (CSNN): Not determined.

Chemical Weapons Convention List Schedule I Chemicals: Not listed.

Chemical Weapons Convention List Schedule II Chemicals: Not listed.

Chemical Weapons Convention List Schedule III Chemicals: Not listed.

16. Other Information

KEY TO ABBREVIATIONS:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships,

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

DISCLAIMER:

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