

Safety Data Sheet

Version 2.0

Revision Date: 06/10/2015

1. Product and Company Identification

Product Identifier

Product Name: Scrub Bugs
General Use: Cream Cleanser that also provides odor control and drain maintenance

Recommended/Restricted Use

Identified Uses: A mildly abrasive alkaline enzyme cleaner that removes soap scum, dissolves oily and
Restrictions: N/A

Distributor

EES, Inc.
127 Riverside Drive
Cartersville, GA 30127 USA
(800) 473-9467

Emergency Contact Information

Phone Number: (800) 255-3924
Company Name: ChemTel

2. Hazard Identification

GHS Classification:

Skin corrosion / irritation	Category 2
Eye damage / irritation	Category 2A
Sensitization - skin	Category 1

GHS Label Elements, Including Precautionary Statements

Pictogram:



Signal Word: **Warning**

Hazard Statement(s):

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary Statements:

Prevention:

P261	Avoid breathing dust / fume / gas / mist / vapors / spray.
P264	Wash face, hands and any exposed skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / protective clothing / eye protection / face protection when using this product.

Response:

Eyes:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice / attention.

Skin:

P302 + P352 IF ON SKIN: Wash with plenty of water / soap.

P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash before reuse.

Storage:

P403 + P233 Store in a well ventilated place. Keep container tightly closed.

Disposal:

P501 Dispose of contents/container to waste in accordance with local / regional / national / international regulations.

HMIS Classification:

Health Hazard: 2

Flammability: 0

Physical Hazards: 0

NFPA Rating:

Health Hazard: 2

Fire: 0

Reactivity Hazard: 0



Use Personal Protection from Chemical and Physical Hazards.

Other Hazards:

Keep out of reach of children.

Store this product in a cool, dry place.

3. Composition/Information on Ingredients

Chemical Name	Weight %	CAS Number
Sodium dodecylbenzene sulfonate	1 - 10	25155-30-0
Alcohols, C9 - C11, ethoxylated	1 - 10	68439-46-3
Trisodium phosphate	1 - 10	7601-54-9
Fragrance*	1 - 5	---
Other components**	---	---

*This product contains a fragrance which may contain in excess of 0.1% natural allergen or sensitizer. Some individuals who have been previously exposed and sensitized to the allergen may exhibit allergic reactions or other related illnesses when re-exposed.

**This compound is a trade secret in accordance with provision 1910.1200 of the title of US Code Federal Regulations. The exact composition of this formulation has been withheld as a trade secret.

4. First Aid Measures

Description of First Aid Measures

- General:** Show this safety data sheet to the doctor or medical contact in attendance. Immediate medical attention is required, particularly in the case of eye contact.
- Inhalation:** Not a normal route of exposure. Dust residues will increase the likelihood of inhalation exposure. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist or worsen, call a physician or obtain medical attention.
- Skin Contact:** Wash hands or exposed skin with plenty of soap and water for an extended period of time (at least 3 - 5 minutes and until any "slippery" feeling is not detected). Remove any contaminated clothing and wash it before reuse. If skin irritation, rash, or allergic reaction occurs seek medical advice and/or treatment.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present, and continue rinsing with eyes wide open for at least 15 minutes. Do not rub affected eyes, repeat if necessary, immediately obtain medical advice / attention.
- Ingestion:** Not a normal route of exposure. Remove any solid material from mouth or throat. Rinse mouth with water if conscious, alert, and not convulsing. DO NOT induce vomiting. Give several glasses of water to drink. Contact a POISON CENTER / hospital / physician immediately for medical advice or treatment if you do not feel well.

Most Important Symptoms/Effects

- Inhalation** Not a likely route of entry. If created, dusts of this product may cause irritation to the nose, throat, and respiratory tract resulting in a burning nostril or mucous membrane sensation.
- Skin Contact** Skin irritation, itching or burning sensation. A slippery sensation may occur as washing skin.
- Eye Contact** Redness, watering, itching, or severe burning sensation of eyes.
- Ingestion** Not a likely route of entry. May cause stomach distress resulting in nausea, vomiting, difficulty swallowing. A fragrant smell to breath.

Indication of Immediate Medical Attention or Special Treatment Needed:

If the above first aid measures are not successful, if there is any eye exposure, difficulty breathing, or generally feeling unwell, contact a POISON CENTER / Hospital / Physician for medical advice / attention immediately.

Note to Physician:

Treat symptomatically based on judgement of attending physician.

5. Firefighting Measures

- Suitable Extinguishing Media** Use water, spray alcohol resistant foam, dry chemical, or carbon dioxide.
- Unsuitable Extinguishing Media** N/A

Specific Hazards Arising from the Chemical

Combustion Products: VOCs; Carbon dioxide; carbon monoxide; and irritating oxides of sulfur, sodium, and phosphorous.

Special Protective Actions for Firefighters

Wear full protective gear clothing including a self-contained, positive pressure, breathing apparatus (SCBA) approved by NIOSH.

Explosion data:

Sensitivity to Mechanical Impact:	No
Sensitivity to Static Discharge:	No

6. Accidental Release Measures (Large bulk releases):**Personal Precautions, Protective Equipment and Emergency Procedures:**

Keep unnecessary personnel away. Provide good ventilation to area. Wear rubber or Latex gloves and personal protective equipment (including protective goggles or wrap around face shield) as required when handling this product. Evacuate personnel to safe areas. Avoid contact with skin, eyes, or clothing. Irrigate eyes, wash hands / skin immediately and/or change clothes as needed if any signs of exposure appear (i.e., itching, burning sensations).

Environmental Precautions:

Avoid discharge into lakes, streams, ponds, sanitary sewers, runoff waters, public waters, or public water systems.

Methods and Materials for Containment and Cleaning Up:

Before attempting to clean up refer to hazard data given on this SDS. Prevent further leakage or spillage if safe to do so. Contain any large amount of bulk spillage with dikes to prevent any migration or entry into sewers or streams. Clean up any spill immediately with an absorbant material. Sweep into appropriate solids disposal container without creating a dust. Pick up and transfer absorbed spillage or leakage to properly labeled waste container if safe to do so. Dispose in accordance with local / regional / state / national / international waste regulations. Mop area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice as needed.

7. Handling and Storage:**Precautions for Safe Handling**

When handling this product use good industrial hygiene practices; provide good general ventilation through using with fans or a air-conditioning system, wear rubber or latex gloves when handling, do not eat, drink, or smoke while handling this product. Respiratory protection is not normally required, but if in rare instances where individual is sensitive or exposure guidelines may be exceeded, increase ventillation or use an approved NIOSH respirator. Wash hands/skin often while and after handling this product and before any breaks or meals.

Conditions for Safe Storage, Including any Incompatibilities

Store sealed container or product packaging in a cool, dry, ventilated place and away from incompatable materials (such as acid containing materials). Avoid abnormally high temperatures. Store this product locked up and out of the reach of children and pets. Do not store this product with food or food service supplies.

8. Exposure Controls/Personal Protection

Engineering Controls

Use of this product in a paste form in a normally ventilated area is typically adequate.

Individual Protection Measures

Eye/Face Protection:	Wear safety goggles when using this product. Wash hands using soap and water often and before touching eye or face area or before eating, drinking, or smoking. An safety eye-wash station should be located conveniently and appropriately in area to rinse out eyes as needed for emergencies.
Skin Protection:	Use impervious rubber, latex, or nitrile gloves and protective clothing if handling this product directly. If exposure to skin or hands occurs, wash exposed area using soap and water immediately. A safety shower should be located conveniently and appropriately in area and used to rinse off skin as needed in emergencies.
Respiratory Protection:	Respiratory protection is not normally required in this formulation, but if in rare instances where exposure limits are exceeded (due to no fans or air-conditioning systems) or irritation is experienced by a sensitized individual through exposure to vapors or residual dust from this product, use an approved NIOSH respirator. A positive-pressure supplied air-respirator may be required for high airborne contaminant concentrations.
General:	Handle this product in accordance with good industrial hygiene and safety practices. Do not eat, drink, or smoke while using this product. Always wash hands with soap and water often; immediately after using this product; and before eating, drinking, or smoking. Avoid contact with skin, eyes, or clothing. Always wear suitable gloves and eye / face protection when using this product.

9. Physical and Chemical Properties:

Physical State:	Liquid cream
Color:	off-white, opaque
Odor:	Fresh lilly fragrance
Odor Threshold:	N/D**
pH:	10.5 - 11.5
Specific Gravity:	1.2
Melting Point/Freezing Point:	N/D
Initial Boiling Point:	Estimated at 100°C
Flash Point:	> 94°C
Evaporation Rate:	N/D
Flammability (solid/gas):	Does not sustain combustion. Non-Flammable.
Upper/Lower Explosive Limits:	N/D

Vapor Pressure:	N/D
Vapor Density (Air=1):	N/D
Relative Density (20°C):	N/D
Solubility:	Mostly soluble in water.
Partition Coefficient (n-octanol/water):	N/D
Auto-Ignition Temperature:	N/D
Decomposition Temperature:	N/D
Viscosity:	N/D

**N/A: Not Available, N/D: Not Determined

10. Stability and Reactivity

Reactivity:	No data available.
Chemical Stability:	Stable when stored in sealed container or packaging at normal temperatures and in a suitable location under normal storage conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	Avoid direct sunlight and moisture. Avoid excessive heat and freezing conditions. Avoid storage with incompatible materials, open drums or packaging exposed to air. Fragrance will evaporate over time and components of product may oxidize. Do not combine with other chemicals.
Incompatible Materials:	Strong oxidizers, strong acids.
Hazardous Decomposition Products:	CO, CO ₂ , other organic vapors, oxides of sodium, sulfur, and phosphorous.

11. Toxicological Information

Likely Routes of Exposure:	Skin, ingestion, inhalation, and eyes through contact with hands.
Symptoms related to physical, chemical, and toxicological characteristics:	Specific test data for this product is not currently available, but based on its individual components it is expected to cause the following: Causes serious eye irritation. Causes skin irritation. Inhalation of dusts of this product may cause irritation of the nose, throat, or respiratory tract, ingestion may cause irritation to mucous membranes, stomach distress, gastrointestinal irritation, nausea, diarrhea, or vomiting. This product may be harmful if swallowed.
Delayed or Immediate exposure effects:	Severe eye irritation; skin irritation; inhalation of dusts of this product may cause irritation of the mucous membranes, nose, throat, or respiratory tract; ingestion may cause irritation to mucous membranes, stomach distress, gastrointestinal irritation, nausea, diarrhea, or vomiting.

Chronic effects from short- and long-term exposure: No known effect based on information supplied. Possible risk of irreversible effects. Although none of the components of this formulation are listed as known or suspected carcinogens, carcinogenic potential of this product is unknown.

Numerical measures/estimates of toxicity (This value is calculated based on chapter 3.1 if the GHS document): ATEmix (oral) = >2000 mg / kg.

Target Organ Effects: Irritation to the respiratory system, eyes, and skin.

Listed in the latest edition of the Report on Carcinogens: Contains no known ingredient listed as a carcinogen.

Listed as a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs: Contains no known ingredient listed as a carcinogen.

Listed as a potential carcinogen by OSHA: Contains no known ingredient listed as a carcinogen.

Reproductive Toxicity: Contains no known or suspected reproductive toxins.

Aspiration hazard: No information available.

Individual Hazardous Component Toxicological Data:

Sodium dodecylbenzene sulfonate (CAS#: 25155-30-0):

Acute Dermal Toxicity, LD50 (Based on ATE data):	> 2000 mg/kg.
Acute Respiratory Irritation:	Irritating to respiratory system (STOT, single exposure).
Acute Inhalation Toxicity, Mist LC50 (Based on ATE data):	>5 mg/l.
Acute Toxicity LD ₅₀ , (oral, rat):	>300 - 2000 mg/kg
Acute Toxicity LD ₅₀ , (oral, mouse):	1330 mg/kg
Acute Toxicity LD ₅₀ , (intravenous, mouse):	105 mg/kg
Acute Irritation:	
Eye irritation:	Causes damage to eyes.
Skin irritation:	Not sensitizing, but irritating to skin.
Chronic Toxicity:	This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be probable or suspected human carcinogens.

Reproductive Toxicity No information available.

Alcohols, C9 - C11, ethoxylated (CAS#: 68439-46-3):

Acute Dermal Toxicity, LD50 (Rabbit):	>5000 mg/kg
Acute Respiratory Irritation:	No test data found.

Acute Inhalation Toxicity:	No test data found.
Acute Toxicity LD ₅₀ , (oral, rat):	>5050 mg/kg
Acute Irritation:	
Eye irritation (rabbit):	Causes damage to eyes.
Skin irritation (guinea pig):	Not sensitizing, but irritating to skin.
Chronic Toxicity:	No test data found.

Trisodium phosphate (CAS#: 7601-54-9):

Acute Dermal Toxicity:	No test data found.
Acute Respiratory Irritation:	No test data found.
Acute Inhalation Toxicity:	No test data found.
Acute Toxicity LD ₅₀ , (oral, rat):	>7400 mg/kg
Acute Irritation:	
Eye irritation (rabbit):	Moderately to severely irritating to eyes.
Skin irritation (rabbit):	Slightly irritating to skin.
Chronic Toxicity:	This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be probable or suspected human carcinogens.

Fragrance Components (sensitizer CAS # varies):

This product contains a fragrance which may contain in excess of 0.1% natural allergen or sensitizer. Some individuals who have been previously exposed and sensitized to the allergen may exhibit allergic reactions or other related illnesses when re-exposed.

12. Ecological Information

Ecotoxicity:

The environmental impact of this product has not been fully investigated. No information is available.

Persistence and Degradability:

No information available.

Bioaccumulation:

No information available.

Other adverse effects:

No information available.

Ecological Information for Components of this Formulation:

Sodium dodecylbenzene sulfonate (CAS#: 25155-30-0): LC ₅₀ (Freshwater Fish)	10.8 mg / l /96 hours (Acutely Toxic, Category 3, UN General GHS per toxicologist review.)
Chemical Fate Information:	This substance is expected to be readily biodegradable per toxicologist review.
Mobility (log Pow):	0.45
Alcohols, C9 - C11, ethoxylated (CAS#: 68439-46-3): LC ₅₀ (Flathead minnow, Pimephales promelas): EC ₅₀ (Daphina magna): ErC ₅₀ (Algae): Chemical Fate Information:	1 - 10 mg / l /96 hours 1 - 10 mg / l /48 hours 1 - 10 mg / l /96 hours Readily biodegradable. According to OECD this substance degrades at >60-70% within a 10 day window when observed for 28 days. No bioaccumulation / accumulation data located.
Mobility:	No data available
Trisodium phosphate (CAS#: 7601-54-9): EC ₅₀ (Daphina magna) EC ₅₀ (Mosquitofish) Chemical Fate Information:	126 mg / l /96 hours 151 mg / l /96 hours No specific biodegradation data located. While the alkalinity of this component is readily reduced in natural waters, the resulting phosphate persists indefinitely or incorporates into biological systems.
Mobility:	No data available

13. Disposal Considerations

Disposal Methods	Consult and observe the requirements of all appropriate International, Federal, Provincial, State, Regional, Local, or Municipal regulations when disposing this product or its container with residual product remaining.
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14. Transport Information

DOT:	Not Regulated.
TDG:	Not Regulated.

15. Regulatory Information

Hazardous Chemical According to the Occupational Safety and Health Association (OSHA) 29 CFR 1910.1200 Hazard Communication Standard:

Yes

TSCA Section 8(b) Status:

All components of this formulation are listed.

Comprehensive Environmental Response Compensation and Liability Act (CERCLA) - Hazardous Substance List (40 CFR 302):

This product, as supplied, contains one or more substances regulated as a hazardous substance under this Act as listed following:

Sodium dodecylbenzenesulfonate (CAS# 25155-30-0)
[Reportable Quantity = 1000 lbs].

Trisodium phosphate (CAS# 7601-54-9).

Superfund Amendments and Reauthorization Act of 1986 (SARA) 311/312 Hazard Categories:

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard:

Reactivity Hazard: No

SARA Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (EPCRA / TRI Reporting):

This product does not contain any chemicals which are subject to reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Water Act:

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Sodium dodecylbenzenesulfonate (CAS# 25155-30-0)
[Reportable Quantity = 1000 lbs]

Trisodium phosphate (CAS# 7601-54-9) [Reportable Quantity = 5000 lbs]

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Not Regulated

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:

Not Regulated

Other U.S. State Inventories

This product contains components that are listed on the following State Hazardous Substance Inventories or Right-to-Know lists:

The following components of this formulation are reported as listed in the states noted:

Sodium dodecylbenzenesulfonate (CAS# 25155-30-0)

New Jersey

Massachusetts

Pennsylvania

Rhode Island

California Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986:

This product is not listed by the State of California Environmental Protection Agency Office of Environmental Health Hazard Assessment Safe Drinking Water and Toxic Enforcement Act of 1986 As a Chemical Known to the State of California to Cause Cancer or Reproductive Harm.

International Inventories (formulation Components):

(This product is not on any of the following international inventories, but its components are as listed below).

Canada - On Inventory

All components of this formulation are listed on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

Note: "On Inventory" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). "Not On Inventory" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other Information

Prepared By:

EES, Inc.

127 Riverside Drive Cartersville, GA 30120

(800) 473-9467

Date of Latest Version:

June 10, 2015

Sections of SDS Revised:

Created SDS in GHS standard format.

Further Information:

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 is designed only as 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 test.