

SAFETY DATA SHEET

Date Prepared : 05/29/2015

SDS No : SPLG35A

Bug Off

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bug Off**GENERAL USE:** Liquid Presoak for Carwash**MANUFACTURER**Scotch Plaid, Inc.
2969 Reward Lane
Dallas, TX 75220**Customer Service:** 800-527-5220**24 HR. EMERGENCY TELEPHONE NUMBERS**

ChemTel: 800-255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Irritation, Category 2

Serious Eye Damage, Category 2A

Environmental:

Not Classified

Physical:

Not Classified

GHS LABELExclamation
mark**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENTS**Prevention:**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash face, hands and any exposed skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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.

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

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

P362: Take off contaminated clothing.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P312: Call a POISON CENTER or doctor / physician if you feel unwell.

P363: Wash contaminated clothing before reuse.

Storage:

P102: Keep out of reach of children.

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Glycine, N,n'-1,2-ethanediybis[n-(carboxymethyl)-, Tetrasodium Salt	10 - 15	64-02-8
Sodium C14-C16 Olefin Sulfonate	5 - 10	68439-57-6
Sodium Dodecylbenzene Sulfonate	1 - 5	25155-30-0
D-limonene	~ 1	5989-27-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air. If irritation persists, get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Contact causes serious eye irritation.

SKIN: Contact causes skin irritation.

INGESTION: May cause headache and nausea.

INHALATION: May cause drowsiness and/or dizziness.

ACUTE EFFECTS: Eye contact may cause stinging, tearing, redness and blurred vision. Skin contact may cause redness and pain.

CHRONIC EFFECTS: None known.

NOTES TO PHYSICIAN: Treat symptomatically

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: The product is not expected to present any fire or explosion hazards under prescribed use conditions.

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate for the local circumstance and the surrounding environment.

FIRE FIGHTING EQUIPMENT: Use personal protective equipment

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, Oxides of Sulfur and Nitrogen

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop leak if safe to do so. Soak up and contain spill with an absorbant material and place in container for proper disposal. Flush away traces with water.

LARGE SPILL: Dike spilled material or otherwise contain material to ensure runoff does not reach into soil, ditches, sewers and / or groundwater. Transfer material into suitable containers for proper disposal in accordance with local, state and federal regulations.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow material to contaminate waterways.

LAND SPILL: Do not allow material to contaminate the soil.

GENERAL PROCEDURES: Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.

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COMMENTS: Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety procedures. Use personal protection recommended in Section 8. Follow all product label instructions.

HANDLING: Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing vapors or mists.

STORAGE: Keep out of reach of children. Store in original container in a cool, dry and well ventilated area.

STORAGE TEMPERATURE: 0°C (32°F) Minimum to 50°C (125°F) Maximum

Notes: Store away from sources of heat and freezing temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
		EXPOSURE LIMITS	
		Supplier OEL	
Chemical Name		ppm	mg/m ³
Sodium C14-C16 Olefin Sulfonate	TWA	NL	NL
	STEL	NL	NL
Sodium Dodecylbenzene Sulfonate	TWA	NL	NL
	STEL	NL	NL
D-limonene	TWA	30	

ENGINEERING CONTROLS: None usually needed.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields.

SKIN: Chemical resistant gloves.

RESPIRATORY: No personal respiratory equipment normally required.

PROTECTIVE CLOTHING: Wear suitable protective clothing to prevent contact with skin.

WORK HYGIENIC PRACTICES: Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

OTHER USE PRECAUTIONS: Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

COMMENTS: Eyewash stations and safety showers should always be in place where chemicals are handled and stored.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Citrus

ODOR THRESHOLD: Not Established

APPEARANCE: Clear liquid

COLOR: Colorless to amber.

pH: 8.5 to 9.5 (full strength)

PERCENT VOLATILE: (w/w) 70-80% mostly as water.

FLASH POINT AND METHOD: Non Flammable

FLAMMABLE LIMITS: NA = Not Applicable

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: Not determined for this mixture.

VAPOR DENSITY: Not determined for this mixture.

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BOILING POINT: > 100°C (212°F)**FREEZING POINT:** < 0°C (32°F)**THERMAL DECOMPOSITION:** NA = Not Applicable**SOLUBILITY IN WATER:** Complete**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not determined for this mixture.**EVAPORATION RATE:** Near that of water.**SPECIFIC GRAVITY:** 1.05 to 1.06 g/ml at 20°C (68°F)**VISCOSITY:** Not determined for this mixture.**(VOC):** 0.500 to 1.000 (Weight %)**OXIDIZING PROPERTIES:** This product is not classified as oxidizing**10. STABILITY AND REACTIVITY****REACTIVITY:** Stable under normal conditions.**HAZARDOUS POLYMERIZATION:** Will not occur.**STABILITY:** Stable under normal conditions.**CONDITIONS TO AVOID:** Excessive heat or cold.**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reaction known under conditions of normal use.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, nitrogen and sulfur.**INCOMPATIBLE MATERIALS:** Strong acids and oxidizing materials.**11. TOXICOLOGICAL INFORMATION****ACUTE**

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Glycine, N,n ¹ -1,2-ethanediylbis[n-(carboxymethyl)-, Tetrasodium Salt	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	Not determined
Sodium C14-C16 Olefin Sulfonate	2079 to 2340 mg/kg (rat)	6300 to 160000 mg/kg (rabbit)	52 to 206 mg/l (rat) <i>Aerosol</i>
Sodium Dodecylbenzene Sulfonate	1080 mg/kg (rat)	> 2000 mg/kg (rabbit)	6.41 mg/l (rat) <i>Aerosol</i>
D-limonene	4400 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data

EYE EFFECTS: Causes serious eye irritation.**SKIN EFFECTS:** Causes skin irritation. May cause allergic skin reaction.**CHRONIC:** Health injuries are not known or expected under normal use.**SUBCHRONIC:** None known.**CARCINOGENICITY****IARC:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.**NTP:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.**OSHA:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.**REPEATED DOSE EFFECTS:** No data available for this mixture.**IRRITATION:** Skin and eye irritation.**SENSITIZATION:** No data available for this mixture.**NEUROTOXICITY:** None known.

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GENETIC EFFECTS: None known.**REPRODUCTIVE EFFECTS:** None known.**TARGET ORGANS:** None known.**TERATOGENIC EFFECTS:** No data available**MUTAGENICITY:** No data available**SYNERGISTIC MATERIALS:** No data available**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:** Toxic to aquatic life with long lasting effects.**BIOACCUMULATION/ACCUMULATION:** The potential for bioconcentration in organisms is low.**DISTRIBUTION:** Not determined for this mixture.**AQUATIC TOXICITY (ACUTE)****96-HOUR LC₅₀:** Not determined for this mixture.**48-HOUR EC₅₀:** Not determined for this mixture.**96-HOUR EC₅₀:** Not determined for this mixture.**CHEMICAL FATE INFORMATION:** This product is expected to be readily biodegradable.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Follow all Federal, State and Local Regulations appropriate for this material.**PRODUCT DISPOSAL:** Wastewater resulting from this product should be directed to a proper waste water treatment facility.**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not dangerous goods.**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Not dangerous goods.**COMMENTS:** The shipper / consignor / sender is responsible to ensure that the packaging, labeling and markings are in compliance with the selected mode of transport.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute Health Hazard**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

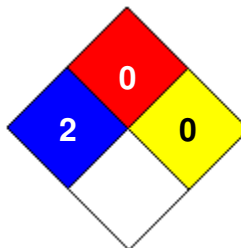
Chemical Name	Wt.%	CERCLA RQ
Sodium Dodecylbenzene Sulfonate	1 - 5	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)**TSCA STATUS:** All ingredients are listed.**CALIFORNIA PROPOSITION 65:** This product contains trace amounts of Ethylene Oxide. CAS# 75-21-8**OSHA HAZARD COMM. RULE:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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16. OTHER INFORMATION**REASON FOR ISSUE:** New SDS format**Date Prepared:** 05/29/2015**HMIS RATING**

HEALTH	<input type="text"/>	2
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	B

NFPA CODES

ADDITIONAL SDS INFORMATION: This Safety Data Sheet applies to this product in its concentrated form (as supplied). The hazards of this product will diminish significantly at end use dilution ratios.

MANUFACTURER DISCLAIMER: The information provided in the 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 other material or in any process, unless specified in the text.

End of Safety Data Sheet