

1. Identification

Name of the product: Patriot Soap SDS Code: FBS PS r3
Recommended use: Industrial cleaner Date prepared: November 9, 2015
Use not recommended: Not for use as a body wash.
Company: Fred Brewer Sales
P.O. Box 376 412 N Hwy 277
Elgin, OK 73538 Fletcher, OK 73541
Telephone: 580-492-4656 fax: 580-549-6123
email address: fredbrewersales@tds.net
Transportation Emergency Number: Chemtrec 800-424-9300

2. Hazards identification**GHS Classification in accordance with 29 CFR 1910**

Product is not hazardous.

Emergency overview

OSHA Hazards: There are no applicable GHS categories.

Pictogram: None (Hazards do not reach threshold required for least severe category.)

Signal word: None (Hazards do reach threshold required for least severe category.)

3. Composition / Information on ingredients

Chemical identity: Alcohols C9-11 ethoxylated 2.21%
Common name: LAE, Linear alcohol ethoxylate
Numbers of identity: CAS 68439-46-3
Impurities and other components: None which affect categorization.

4. First-aid measures

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

IF ON SKIN: Wash with soap and water

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable
for breathing

IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do; continue rinsing.

Most important symptoms and effects, both acute and delayed: Eye irritation. Skin irritation.

Indication of any immediate medical attention and special treatment needed when necessary:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

5. Firefighting measures

Suitable extinguishing media : Product is not flammable.

Use equipment appropriate for the main cause of a fire.

Precautions: Special protective equipment for firefighters: No special protective equipment required.

Flash point: Does not flash.

Autoignition temperature: Does not ignite.

Specific hazards in case of fire: None.

Special protective equipment and precaution for fire fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions:
 Spill may be slippery. Avoid breathing vapors.
 Environmental precautions:
 Prevent spills from entering storm sewers or drains and contact with soil.
 Methods and materials for containment and cleaning up:
 Vacuum or mop up for possible use or reclaim. Common industrial absorbents may be used.
 Dispose as non hazardous waste.

7. Handling and storage

Precautions for safe handling:
 Avoid contact with eyes. Avoid prolonged or repeated skin contact and breathing mists/vapors.
 Conditions for safe storage, including incompatibilities:
 Standard safe storage conditions are appropriate: avoid package damage and extremes in temperature: below 32° and above 120°F. Keep package closed tightly.

8. Exposure controls / personal protection

Information on the system design:
 Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits: Reference 29CFR 1910.1000 Table Z-1

Component Name (CAS)	TWA	STEL
	ppm	ppm
	NE*	NE*

Alcohols C9-11 ethoxylated (CAS 68439-46-3)
 *NE= Not Established **Also OSHA Table Z-1 and NIOSH

Personal protective equipment
 Respiratory protection: No requirement anticipated.
 Hand protection: Rubber gloves if long exposure is anticipated.
 Eye protection: Safety glasses with side-shields.
 Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.
 Hygiene measures : Wash hands and face before breaks and immediately after handling the product.
 Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance: Clear thin purple liquid
 Odor: Slight "butyl"
 Odor threshold: Not available
 pH-value: Approx. 10
 Melting point: Not available
 Freezing Point: Not available
 Initial boiling point: Approximately 100°C.
 Flash point: Does not flash.
 Evaporation rate: Not available
 Flammability (solid, gas): Not applicable
 Explosion limits: Not explosive
 Vapor pressure: (highest partial vapor pressure) at 20°C: Not available
 Vapor density: Not available
 Relative density (water=1.00): 1.035 approx. Auto-ignition temperature: Not available
 Solubility: Totally soluble in water at 20°C Decomposition temperature: Not available
 Partition coefficient: Log Kow = Not applicable to mixture. Viscosity: Like water

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.
 Possibility of hazardous reactions: None known
 Conditions to avoid: No dangerous conditions known.
 Materials to avoid: No common materials present a hazard.
 Hazardous decomposition products: None are known. Also see Section 5.

11. Toxicological information

Acute Toxicity: No information available for finished product.

Test	Linear alcohol ethoxylate CAS 68439-46-3
Oral Toxicity LD 50 (Rats)	1,400 mg/kg
Dermal Toxicity LD 50 (Rats)	>5,000 mg/kg
Inhalation Toxicity, Vapor	No data.
Eye Irritation (Rabbit)	No data.
Dermal Irritation (Rabbit)	No data.

Likely/ possible routes of exposure: Ingestion, skin and eye contact.

Skin: The product is not expected to be toxic by skin absorption.

Oral: The product is not expected to be toxic by ingestion.

Inhalation: The product is not expected to be toxic by inhalation.

May be harmful if swallowed and enters airways

Irritation

May cause skin irritation on extended exposure.

Causes eye irritation.

Sensitization: The product is not expected to be sensitizing.

Chronic toxicity: Prolonged skin contact may defat the skin and produce dermatitis.

Carcinogenicity: No component listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen.

Summary Comments: Product may have a drying effect on the skin; frequent or prolonged contact may cause flaking or cracking of the skin.

12. Ecological information

Persistence and degradability: No data is available for the product itself. For the linear alcohol ethoxylate:

Readily biodegradable, as defined by OECD, substance that degrades :

> 60-70% within a 10 day window over 28 days.

Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.

Mobility: Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Ecotoxicity: The product has not been tested.

The following data is reported for: Linear alcohol ethoxylate CAS 68439-46-3

Toxicity to fish LC50 (96 h) : 8.5 mg/l Species : Fathead minnow (Pimephales promelas).

Mobility in soil: No data available.

Results of PBT and vPvB assessment: No data available

Other adverse effects: No data available.

13. Disposal considerations

Product as supplied is not an unlisted hazardous waste. Do not discharge to sewer.

Dispose in accordance with local, state and federal regulations.

14. Transport information

Domestic transport: Not classified as dangerous goods under transport regulations.

Sea transport (IMDG): Not classified as dangerous goods under transport regulations.

Air transport (IATA/CAO): Not classified as dangerous goods under transport regulations.

15. Regulatory information

Inventory Status:

All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

U.S. Regulations:

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES: None

Marine pollutant: None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
2-butoxyethanol	111-76-2	1%

The following product components are cited on the lists below:

Chemical Name	CAS Number	List Citations
Linear alcohol ethoxylate	CAS 68439-46-3	No data
2-butoxyethanol	111-76-2	NJ, PA

California Prop. 65 chemicals: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

No ingredient in this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA.

16. Other information

MSDS Preparation date: November 9, 2015, replacing SDS dated August 10, 2015

Replacing NP9 surfactant with a linear alcohol ethoxylate.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	No	No	No	No	

HMIS Hazard ratings: Health 2 Fire 0 Instability 0 Other B (Goggles, gloves)

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

This SDS contains all the information required for classification by the Canadian CPR.

This SDS is designed for workplace employees, emergency personnel and for conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).