

# Safety Data Sheet

## 1. Identification

Name of the product: Pressure Washer Soap      SDS Code: FBS PWS  
 Recommended use: Low foam industrial cleaner      Date prepared: June 24, 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

OSHA Hazards:

Skin irritation, Category 3      H316 Causes mild skin irritation.

Eye irritation, Category 2A      H319 Causes eye irritation.

### GHS Label elements, including precautionary statements

Pictogram



Signal word: Warning

Hazard statements:

H316 Causes mild skin irritation.

H319 Causes eye irritation.

Precautionary statements:

P260 Do not breathe dust or mist.

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P281 Use personal protective equipment as required

Keep out of waterways.

## 3. Composition / Information on ingredients

Chemical identity: Silicic acid, di sodium salt pentahydrate      2.22%

Common name: Sodium metasilicate pentahydrate

Numbers of identity: CAS 10213-79-3

Impurities and other components: None which affect categorization.

## 4. First-aid measures

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302+352 IF ON SKIN: Wash with soap and water

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
 Rinse skin with water.

P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a  
 position comfortable for breathing

P305+351+338 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:

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### 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 <sup>a</sup>	STEL
	ppm	ppm
Sodium metasilicate pentahydrate (CAS 10213-79-3)	NE*	NE*

\*NE= Not Established      \*\*Also OSHA Table Z-1 and NIOSH

Personal protective equipment

Respiratory protection: No requirement anticipated.  
 Hand protection: Rubber gloves.  
 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.





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### 12. Ecological information

Persistence and degradability: No data is available for the product itself.  
 The organics in the product are expected to be inherently biodegradable.  
 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  
 Sodium metasilicate penta hydrate CAS 10213-79-3  
 LC50: Fish *Gambusia affinis* 2320 ppm; 96 h  
 LC50: Flea *Daphnia magna* 247 ppm; 96h  
 LC50 Snail eggs *Lymnaea* 632 ppm; 96h  
 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
None	Not applicable	Not applicable

The following product components are cited on the lists below:

Chemical Name	CAS Number	List Citations
Sodium metasilicate pentahydrate	10213-79-3	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: June 24, 2015  
 Revising SDS from March 3, 2015 to lower pH and modify hazard statements.

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