

Safety Data Sheet

1. Identification

Name of the product: FBS Premium Degreaser/ Truck Wash SDS Code: FBS PDTW
 Recommended use: Industrial cleaner Preparation date: February 16, 2016
 Use not recommended: Not for any household use.
 Company: Fred Brewer Sales
 P.O. Box 376
 Elgin, OK 73538
 Telephone: 580-492-4656
 email address: fredbrewersales@tds.net
 Transportation Emergency Number: Chemtrec 800-424-9300

2. Hazard(s) identification

GHS Classification in accordance with 29 CFR 1910

Serious eye damage (Category 2A) H318 Causes serious eye damage

GHS Label elements, including precautionary statements

Pictogram



Signal word Warning

Hazard statements:

Serious eye damage (Category 2A) H318 Causes serious eye damage
 H402 Harmful to aquatic life.

Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

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

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

P301 + P310 IF SWALLOWED: Immediately call a poison center or doctor/ physician.

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

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

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

3. Composition / Information on ingredients

Chemical identity:	Sodium metasilicate pentahydrate	2.3%
Common name:	Metso penta, Penta	
Numbers of identity:	CAS 10213-79-3	
Chemical identity:	Sodium hydroxide	1.6%
Common name:	Caustic soda	
Numbers of identity:	CAS 310-73-2	
Chemical identity:	Nonylphenol ethoxylate	1.0%
Common name:	NP-9	
Numbers of identity:	CAS 8412-54-4	
Impurities:	None which influence categorization.	

4. First-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of danger.

IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting

Never give anything by mouth to an unconscious person. Consult a physician.

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. Consult a physician.

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

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

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

5. Firefighting measures

Suitable extinguishing media : Product is not flammable.

Use equipment appropriate for the main cause of a fire.

Special protective equipment and precaution for fire fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Autoignition temperature: Does not ignite.

Hazardous decomposition products formed under fire conditions: Potassium oxides

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:

Soak 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 skin and 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.

Reclose opened package tightly and keep upright.

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)

Sodium hydroxide 1310-73-2

ACGIH (TLV)* C 2 mg/m3

Upper Respiratory Tract irritation Eye irritation

NIOSH (TLV)* C 2 mg/m3

*Threshold Limit Values (TLV)

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. Avoid/d contact with eyes, skin and clothing.

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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9. Physical and chemical properties

Appearance: Colorless liquid
 Odor: "Butyl"
 Odor threshold: Not available
 pH-value: 11.5-12
 Melting point: Not available
 Freezing Point: Not available
 Initial boiling point: Not available
 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): 1.08 approx.
 Solubility: Totally soluble in water at 20°C
 Partition coefficient: Log Kow = Not applicable to mixture.
 Auto-ignition temperature: Not available
 Decomposition temperature: Not available
 Viscosity: Slightly more viscous than 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: Mixing with acids will reduce effectiveness.

11. Toxicological information

Acute Toxicity Estimate: LD 50 (oral): 29,411 mg/kg
 Test
 Oral Toxicity LD 50 (Rats) No data on product
 Dermal Toxicity LD 50 (Rabbit) No data on product
 Inhalation Toxicity, Vapor No data on product
 Eye Irritation (Rabbit) No data on product
 Dermal Irritation (Rabbit) No data on product

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

Causes skin irritation

Causes serious eye irritation

Harmful to aquatic life

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.

Signs and Symptoms of Exposure: eye irritation and dry skin after prolonged exposure.

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12. Ecological information

Persistence and degradability:

This product is expected to be inherently biodegradable.

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

Mobility in soil: No data available.

Ecotoxicity: The product has not been tested.

Toxicity to fish: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: No data available

Other adverse effects: May present an environmental hazard if disposed improperly.

13. Disposal considerations

Product as made has none of the characteristic of a hazardous waste.

Dispose in accordance with local, state and federal regulations. Do not discharge to sewer.

14. Transport information

Domestic transport: Not regulated

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
Nonylphenoxy poly(ethyleneoxy)ethanol, branched	68412-54-4	NJ, PA
Sodium hydroxide	1310-73-2	MA, NJ, PA
Sodium metasilicate pentahydrate	10213-79-3	NJ, PA

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reprodu to cause cancer, birth defects, or any other reproductive harm.

Ethylene oxide 75-21-8 1,4-Dioxane 123-91-1

16. Other information

MSDS Preparation date: February 16, 2016

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