



1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 00034
Product Name: SILVER SOAK
Company Name: KIRBY CHEMICAL & RESTAURANT SUPPLY
Phone Number: (903)757-2723
 809 S. EASTMAN RD.
 LONGVIEW, TX 75602 (800)255-3924
Emergency Contact: CHEM-TEL, INC.
Intended Use: PRE-SOAK

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2B
Acute Toxicity: Oral, Category 5

GHS Signal Word: Warning
GHS Hazard Phrases: H316 - Causes mild skin irritation.
 H320 - Causes eye irritation.
 H303 - May be harmful if swallowed.
GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
GHS Response Phrases: P332+313 - If skin irritation occurs, get medical advice/attention.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P312 - Call a POISON CENTER/doctor/... if you feel unwell.
GHS Storage and Disposal Phrases: No phrases apply.

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		1
PPE		B

Potential Health Effects (Acute and Chronic): Adverse reproductive effects have been reported in animals.
Skin Contact: Causes skin irritation.
Eye Contact: Causes eye irritation.
Ingestion: May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7601-54-9	Sodium phosphate, Tribasic	5.0 -15.0 %
111-77-3	Ethanol, 2-(2-Methoxyethoxy)-	1.0 -5.0 %



4. FIRST AID MEASURES

Emergency and First Aid

Procedures: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: Get medical aid.

Note to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Combustible liquid and vapor.

Flammable Properties and Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Do not let this chemical enter the environment. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Precautions To Be Taken in Storing: Store in a cool, dry place. Store in a tightly closed container. Keep away from sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7601-54-9	Sodium phosphate, Tribasic	No data.	No data.	No data.
111-77-3	Ethanol, 2-(2-Methoxyethoxy)-	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No data available.

Eye Protection: Wear chemical splash goggles. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use only under a chemical fume hood.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Appearance: Clear. yellow. Liquid.
 Odor: Odorless.
Melting Point: No data.
Boiling Point: No data.
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.10
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate: No data.
Solubility in Water: YES
pH: 10.0 - 11.0
Percent Volatile: No data.

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Strong oxidizing agents, Strong acids.
Hazardous Decomposition Or Byproducts: oxides of phosphorus, Carbon monoxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No data available.
 Teratogenicity: No data available.
 Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information available.
 Teratogenicity: Teratogenic effects have occurred in experimental animals.
 Adverse reproductive effects have occurred in experimental animals.
Carcinogenicity/Other Information: CAS# 7601-54-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-77-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7601-54-9	Sodium phosphate, Tribasic	n.a.	n.a.	n.a.	n.a.
111-77-3	Ethanol, 2-(2-Methoxyethoxy)-	n.a.	n.a.	n.a.	n.a.



12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
Physical: No information available.
Other: Do not empty into drains. Terrestrial: Highly mobile in soil. Aquatic: Not expected to adsorb into sediment or volatilize. Biodegradation an important fate for these conditions.
Atmospheric: Remains in the vapor phase and is degraded by photochemically produced hydroxyl radicals. Low probability of bioconcentration.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available. Not Regulated.

15. REGULATORY INFORMATION

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Acute (immediate) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7601-54-9	Sodium phosphate, Tribasic	TSCA: Inventory
111-77-3	Ethanol, 2-(2-Methoxyethoxy)-	TSCA: Inventory, 8D TERM

16. OTHER INFORMATION

Revision Date: 11/13/2013

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

While the information is believed to be correct, Kirby Chemical Company shall in no event be responsible for any damages whatsoever, either directly or indirectly, resulting from any publication or use of or reliance upon data contained herein. No warranty, either expressed or implied, of merchantability, of fitness for a particular purpose, or of any other nature with respect to the product or to the data, is made herein.

The information contained in this Material Safety Data Sheet is supplied pursuant to OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements