

SAFETY DATA SHEET

Liquid Laundry Presoak

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 02/09/2015 / Supersedes Revision: n/a

Distributor:

Alco-Chem, Inc.
45 N. Summit Street
Akron, OH 44308
Phone: (330) 253-3535
Website: www.alco-chem.com

EMERGENCY CONTACT: Chem-Tel, Inc.
Phone: 1-800-255-3924

Product Name: Liquid Laundry Presoak

ID Code: 4567

Product Category: Neutral Detergent

SECTION 2: HAZARD(S) IDENTIFICATION

Flammable Liquids, Category 4

GHS Signal Word: Warning

GHS Hazard Phrases:

H227 - Combustible liquid.

GHS Precaution Phrases:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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

GHS Response Phrases:

No phrases apply.

GHS Storage and Disposal Phrases:

P403+235 - Store in cool/well-ventilated place.

P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

Hazard Rating System:

HMIS

Health: 1

Flammability: 0

Physical: 0

PPE: A

Potential Health Effects (Acute and Chronic): None

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. No hazard expected in normal industrial use.

Skin Contact: Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested. May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed. No hazard expected in normal industrial use.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|--|---------------|
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | 5.0 -15.0 % |

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SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance.
In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.
In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.
In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. No specific treatment is necessary, since this material is expected to be non-hazardous.
Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Note to Physician: None known.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: NP Method Used: Estimate
Explosive Limits: LEL: UEL:
Autoignition Pt: NA
Suitable Extinguishing Media: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information. Use water spray to cool unopened containers. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.
Flammable Properties and Hazards:

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Personal precautions. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Vapours can accumulate in low areas. Environmental precautions. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. No special handling procedures are required.
Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. No special storage requirements.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|---------------------------|------------------------------------|--------------|-------------------------------|--------------|
| 34590-94-8 {(not 313)} | Propanol, (2-Methoxymethylethoxy)- | PEL: 100 ppm | TLV: 100 ppm STEL: 150 ppm | |

Respiratory Equipment (Specify Type): Respirator protection is not normally required.
Eye Protection: Safety glasses.
Protective Gloves: Protective garments not normally required.
Other Protective Clothing: Impervious clothing.
Engineering Controls (Ventilation etc.): There are no special ventilation requirements.
Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Clear dark blue liquid.
Fragrant odor.
Melting Point: NA
Boiling Point: NA
Autoignition Pt: NA
Flash Pt: NP Method Used: Estimate
Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1):
Density: ~ 1.05
Vapor Pressure (vs. Air or mm Hg):
Vapor Density (vs. Air = 1):
Evaporation Rate:
Solubility in Water: Complete
Viscosity: Low
ph: 4-7

SECTION 10: STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Heat, flames and sparks.
Incompatibility – Materials To Avoid: Strong acids. Incompatible with alkalis, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. None.
Hazardous Decomposition Or Byproducts: formed under fire conditions. Carbon oxides.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid -Hazardous Reactions:

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information found. Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity: No data available. Other Studies:
Irritation or Corrosion: Serious eye damage/eye irritation:
Carcinogenicity/Other Information: Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|------------|--|------|------|-------|------|
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | n.a. | n.a. | n.a. | n.a. |

SECTION 12: ECOLOGICAL INFORMATION

General Ecological Information: Biodegradability:.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Product. This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging. Dispose of as unused product. 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.

SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Not regulated.
DOT Hazard Class:
UN/NA Number:
LAND TRANSPORT (Canadian TDG):
TDG Shipping Name:

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SECTION 15: REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|--|--------------|-----------|--------------|
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | No | No | No |

| CAS # | Hazardous Components (Chemical Name) |
|------------|--|
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} |

Other US EPA or State Lists

CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test, 8A PAIR; CA PROP.65: No

SECTION 16: OTHER INFORMATION

Revision Date: 02/09/2015

Preparer Name: Regulatory Affairs

Additional Information About This Product:

Company Policy or Disclaimer: The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.