



HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Special	0

Haz Soak

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name	Haz Soak
Product Code	H302
Recommended Use	Cleaner and Degreaser
Restrictions on Use	Use only as directed on label
Supplier	
Fire Soaps 780 East 134th Street Bronx, NY 10454 Phone: 718-502-9577 info@firesoaps.com	
Emergency Telephone Number	CHEM-TEL, INC. 24 Hour Emergency Contact 1-800 255-3924

2. HAZARDS IDENTIFICATION

This product is classified as hazardous under OSHA Hazard Communication Standards 2012 (29 CFR 1910.1200)

Eye Corrosion/Eye Irritation	Category 2B
Signal Word	Warning
Hazard Statements	Causes eye irritation
Hazard Pictograms	None required
Precautionary Statements Prevention	Wash hands thoroughly after handling
Precautionary Statements	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
Hazard Not Otherwise Classified (HNOC)	None known
Other Information	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Water	7732-18-5	> 87	*
Ethoxylated Alcohol	68439-46-3	< 5	*
Sodium Citrate	68-04-2	< 5	*
Tetrasodium N,N-bis(carboxymethyl)-L-glutamate	51981-21-6	< 1	*
Sodium Carbonate	497-19-8	< 1	*
Citric Acid	77-92-9	< 1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.
Inhalation	Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.
Ingestion	Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects None known.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use Dry chemical, CO2, water spray or "alcohol" foam.
Unsuitable Extinguishing Media	Avoid high volume jet water.
Specific Hazards Arising from the Chemical	In event of fire, fire created carbon oxides may be formed.
Special Protective Actions for Firefighters	Wear positive pressure self-contained breathing apparatus; Wear full protective clothing. This product is non-flammable. See Section 9 for Physical Properties.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions For non-emergency and emergency personnel: See section 8 – personal protection. Avoid eye contact. Wear safety goggles.

Environmental Precautions

Environmental Precautions Do not allow into open waterways and ground water systems.

Methods and materials for containment and cleaning up

Methods for Containment Dike or soak up with inert absorbent material.

Methods for Cleaning Up See section 13 for disposal considerations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

No components listed with TWA or STEL values under OSHA or ACGIH.

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Use protective glasses or safety goggles if splashing or spray-back is likely.

Respiratory Protection

Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.

Skin and Body Protection

Use protective gloves (any material) when used for prolonged periods or dermally sensitive.

General Hygiene Considerations

Wash thoroughly after handling and before eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties.

Physical State	Liquid	Appearance	Clear Colorless
Odor	No added odor	Odor Threshold	Not determined

<u>Property</u>	<u>Values</u>
pH	9.8 – 10.8
Freezing Point	0 – 3.33°C (32 – 38°F)
Boiling Point/Boiling Range	101°C (213.8°F)
Flash Point	> 212°F
Evaporation Rate	½ Butyl Acetate @ 25°C
Flamability (solid, gas)	Not applicable
Upper flammability Limit	Not applicable
Lower flammability Limit	Not applicable
Explosive Properties	Not applicable
Vapor Pressure	0.60 PSI @77°F, 2.05 PSI @100°F
Vapor Density	Not determined
Relative Density	8.34 – 8.42 lb/gal
Specific Gravity	1.01 – 1.03
Water Solubility	100% in water
Partition coefficient: n-octanol/water	Not determined
Autoignition Temperature	Non-flammable
Decomposition Temperature	109°F
Viscosity	Like water
VOC Composite Partial Pressure	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Non-reactive.
Chemical stability	Stable under normal conditions 70°F (21°C) and 14.7 PSIG (760 mmHg).
Possibility of hazardous reactions	None known.
Conditions to avoid	Excessive heat or cold.
Incompatible materials	Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.
Hazardous decomposition products	Normal products of combustion - CO, CO ₂ .

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Overexposure may cause headache.
Eye Contact	Causes eye irritation.
Skin Contact	Not expected to cause irritation, repeated contact may cause dry skin.
Ingestion	May cause upset stomach.
Symptoms related to the physical, chemical and toxicological characteristics	No symptoms expected under typical use conditions. Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions. Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.
Interactive effects:	Not known.

Numerical Measures of Toxicity

Acute Toxicity	Oral LD ₅₀ (rat)	> 5 g/kg body weight
	Dermal LD ₅₀ (rabbit)	> 5 g/kg body weight
Skin Corrosion/Irritation	Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.	
Eye Damage/Irritation	Irritant per Ocular Irritation® assay modeling. No animal testing performed.	
Germ Cell Mutagenicity	Mixture does not classify under this category.	
Carcinogenicity	Mixture does not classify under this category.	
Reproductive Toxicity	Mixture does not classify under this category.	
STOT-Single Exposure	Mixture does not classify under this category.	
STOT-Repeated Exposure	Mixture does not classify under this category.	
Aspiration Hazard	Mixture does not classify under this category.	

12. ECOLOGICAL INFORMATION

Ecotoxicity	Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals.
Aquatic	Not tested on finished formulation.
Terrestrial	Not tested on finished formulation.
Persistence and Degradability	Inherently and Readily biodegradable per OECD 302B testing.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	No data available.

13. DISPOSAL CONSIDERATIONS

Unused or Used Liquid	May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.
Empty Containers	Dispose of in accordance with local regulations.
Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.	

14. TRANSPORT INFORMATION

U.N. Number	Not applicable.
U.N. Proper Shipping Name	Cleaning Compound, Liquid NOI
Transport Hazard Class(es)	Not applicable.
NMFC Number	48580-3
Packing Group	Not applicable.
Class	55
Environmental Hazards	Marine Pollutant - NO
Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code)	Unknown
U.S. (DOT) / Canadian TDG	Not Regulated for shipping.
ICAO/ IATA	Not classified as hazardous.
IMO / IDMG	Not classified as hazardous.
ADR/RID	Not classified as hazardous.

15. REGULATORY INFORMATION

All components are listed on SARA Title III	TSCA and DSL Inventory. Sections 311/312 Hazard Categories – Not applicable. Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable. Sections 302 – Not applicable.
Clean Air Act (CAA)	Not applicable.
Clean Water Act (CWA)	Not applicable.
State Right To Know Lists	No ingredients listed.
California Proposition 65	No ingredients listed.

Texas ESL

Ethoxylated Alcohol	68439-46-3	60 µg/m ³ long term	600 µg/m ³ short term
Sodium Citrate	68-04-2	5 µg/m ³ long term	50 µg/m ³ short term
Sodium Carbonate	497-19-8	5 µg/m ³ long term	50 µg/m ³ short term
Citric Acid	77-92-9	10 µg/m ³ long term	100 µg/m ³ short term

16. OTHER INFORMATION

Legend

NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
OSHA	Occupational Safety and Health Administration
CPSC	Consumer Product Safety Commission
TSCA	Toxic Substances Control Act
DSL	Domestic Substances

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Prepared/Revised By	Regulatory Department

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet