



HMIS	
Health	0
Fire Hazard	0
Reactivity	0
Special	0

# Fire Spot

# Safety Data Sheet

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

<b>Product Name</b>	Fire Spot
<b>Product Code</b>	FS102
<b>Recommended Use</b>	Cleaner and Degreaser
<b>Restrictions on Use</b>	Use only as directed on label
<b>Supplier</b>	
Fire Soaps 780 East 134th Street Bronx, NY 10454 Phone: 718-502-9577 info@firesoaps.com	
<b>Emergency Telephone Number</b>	CHEM-TEL, INC. 24 Hour Emergency Contact 1-800 255-3924

## 2. HAZARDS IDENTIFICATION

This product is not regulated under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200), but has been classified as non-hazardous. This product has been classified and labeled in accordance with the CPSC Federal Hazardous Substances Act (16 CFR 1500).

<b>Signal Word</b>	None
<b>Hazard Statements</b>	None
<b>Hazard Pictograms</b>	None required
<b>Precautionary Statements</b>	None
<b>Hazard Not Otherwise Classified (HNOC)</b>	None known
<b>Other Information</b>	None known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Water	7732-18-5	> 94.8	*
Ethoxylated Alcohol	68439-46-3	< 1	*
Sodium Citrate	68-04-2	< 1	*
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	Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.
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	May cause upset stomach. Drink plenty of water to dilute. See section 11.
<u>Most important symptoms/effects, acute and delayed</u>	
Most Important Symptoms/Effects	None known.
<u>Indication of immediate medical attention and special treatment needed, if necessary</u>	
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.
<u>Environmental Precautions</u>	
Environmental Precautions	Do not allow into open waterways and ground water systems.
<u>Methods and materials for containment and cleaning up</u>	
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.
<u>Conditions for safe storage, including any incompatibilities</u>	
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 systemsIndividual 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	7.0 – 9.5
Freezing Point	0°C (32°F)
Boiling Point/Boiling Range	98°C (210°F)
Flash Point	> 212°F
Evaporation Rate	Not determined
Flamability (solid, gas)	Not applicable
Upper flammability Limit	Not applicable
Lower flammability Limit	Not applicable
Explosive Limits	Not applicable
Vapor Pressure	Not determined
Vapor Density	Not determined
Relative Density	8.34 – 8.42 lb/gal
Specific Gravity	1.000 – 1.01
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, CO2.

## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

## Product Information

Inhalation	Overexposure may cause headache.
Eye Contact	Causes eye irritation, may cause slight stinging sensation.
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.

Numerical Measures of Toxicity

Acute Toxicity	Oral LD <sub>50</sub> (rat)	> 5 g/kg body weight
	Dermal LD <sub>50</sub> (rabbit)	> 5 g/kg body weight
	Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labeling of Chemicals	
Skin Corrosion/Irritation	Based on similar formulations, does not classify under this category.	
Eye Damage/Irritation	Based on similar formulations, does not classify under this category.	
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	Based on similar formulations, Aquatic Toxicity is expected to be $\geq 100$ mg/L.
Terrestrial	Not tested on finished formulation.
Persistence and Degradability	Based on similar formulations, formula is expected to be Readily Biodegradable.
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**

May be offered for recycling.

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**

TSCA and DSL Inventory.

**SARA Title III**

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 <sup>3</sup> long term	600 µg/m <sup>3</sup> short term
Sodium Citrate	68-04-2	5 µg/m <sup>3</sup> long term	50 µg/m <sup>3</sup> short term
Sodium Carbonate	497-19-8	5 µg/m <sup>3</sup> long term	50 µg/m <sup>3</sup> short term
Citric Acid	77-92-9	10 µg/m <sup>3</sup> long term	100 µg/m <sup>3</sup> short term

## 16. OTHER INFORMATION

**Legend**

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

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<b>Revision Date</b>	28-Jan-2015
<b>Revision Note</b>	Revised SDS layout.
<b>Prepared/Revised By</b>	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**