

# GHS SAFETY DATA SHEET

## SOILOVE Laundry Soil-Stain Remover

Version: 0 5/5/2015

### SECTION 1: IDENTIFICATION


**PRODUCT NAME:** SOILOVE® Laundry Soil-Stain Remover  
**SYNONYMS:** Laundry Soil-Stain Remover

**MANUFACTURER:** America's Finest Products Corporation  
**ADDRESS:** 1639 9<sup>th</sup> St., Santa Monica CA 90404

**EMERGENCY PHONE:** 310 450-6555

**RECOMMENDED USE:** Laundry Soil-Stain Remover. Use only on washable colorfast fabrics. Before laundering colored fabrics, test a small hidden area for color fastness. If garments are color fast, dampen soiled or stained areas with SOILOVE®. Wait a few minutes for deeper stains. Place in washing machine with other washables and proceed with recommended water temperature and your regular detergent. For softer and brighter washes, add a little SOILOVE® to each machine load. May not remove rust, dried paint, permanent ink, dye or bleach stains.

### SECTION 2: HAZARD(S) IDENTIFICATION

Health	Environmental	Physical
<b>GHS Hazard Classification:</b>	<b>GHS Hazard Classification:</b>	<b>GHS Hazard Classification:</b>
Skin/Eye Corrosion/Irritation: Category 1	Not Classified	Not Classified
Signal Word: Danger	Signal Word: none	Signal Word: none
Hazard Statement: Causes severe skin burns and eye damage. H314	Hazard Statement: none	Hazard Statement: none
Pictogram:	Pictogram: none	Pictogram: none
		

### PRECAUTIONARY STATEMENTS:

#### Prevention:

P260: Do not breathe mists if inhalable mists occur  
 P262: Do not get in eyes, on skin, or on clothing  
 P264: Wash hands thoroughly after handling  
 P280: Wear protective gloves/ eye protection during manufacturing and packaging operation  
 P101+P102+P103: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Do not use with other household cleaners.

#### Response:

P301+P330+P331+P315: If SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical attention.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P363: Wash contaminated clothing before reuse.  
 P304+P340+P315: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get immediate medical attention.  
 P305+P351+P338+P315: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Get immediate medical attention.

#### Storage:

P405: Store locked up.

#### Disposal:

P501: Dispose of contents in accordance with local regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED:** Highly alkaline cleaning product. Do not mix with other household cleaners.

**STATEMENT ON % OF MIXTURE CONTAINING INGREDIENTS(S) WITH UNKNOWN ACUTE TOXICITY:** none

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**SOILOVE Laundry Soil-Stain Remover****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS INGREDIENTS:**

CHEMICAL NAME (COMMON NAME)	CAS NUMBER	QUANTITY Weight %
ethylene glycol monobutyl ether	111-76-2	1-5*
sodium metasilicate pentahydrate	6834-92-0	1-5*
ammonium hydroxide	1336-21-6	<1*

\*TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

**SECTION 4: FIRST AID MEASURES**

Inhalation	Skin	Eyes	Ingestion
IF mist droplets are INHALED: Remove person to fresh air and keep comfortable for breathing. Get immediate medical attention.	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Get immediate medical attention.	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical attention.

**MOST IMPORTANT SYMPTOMS OR EFFECTS**

**ACUTE:** This high pH cleaning product is immediately corrosive to eyes and mucous membranes, and is corrosive to skin upon prolonged contact.

**DELAYED:** Delay of flushing exposed eyes or mucous membranes with water will result in permanent and irreversible damage. Delay of flushing exposed skin with water will cause severe irritation, pain, and possibly burns.

**SECTION 5: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Equipment	Specific Hazards that Develop from the Surrounding Fire	Protective Equipment
Keep large containers cool with water spray to prevent rupture of containers due to pressure build up from heat.  Product is compatible with all forms of fire extinguishing equipment. Extinguishing equipment should be determined by the cause of the surrounding fire.	Steam generation due to heated aqueous solution. Rupture of container due to pressure build up. Steam will contain volatile solvent (butoxyethanol) and may fuel the fire. After all volatile matter has distilled off, the residue will contain non-hazardous surfactant which may serve as fuel for surrounding fire. The residue will also contain highly alkaline sodium metasilicate (eye/skin corrosion hazard due to pH > 12.5). Hazardous decomposition products of butoxyethanol and the surfactant: carbon monoxide, carbon dioxide.	Protective equipment should be decided by the cause of the surrounding fire, and should include at a minimum: Chemical goggles Body-covering protective clothing Chemical resistant gloves Rubber boots

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Do not touch the spill with bare skin or walk in a spill. Use nitrile, latex, or rubber gloves, eye protection, and rubber/plastic boots for large spills.

**EMERGENCY PROCEDURES:**

<b>Containment</b>	<b>Clean Up Procedure: Large Spills During Transportation and Manufacturing</b>	<b>Clean Up Procedure: Small Spills During Consumer Use</b>
Prevent product from entering water resources	Adsorb and neutralize with caustic neutralizing product such as Spill-X-C or Neutraclt-2. Scoop wet adsorbent into plastic pail. Wash residue with water. Completely neutralized waste is non-hazardous for disposal.	Wipe spill up with rag. Rinse residue with water. Launder rag.

**SECTION 7: HANDLING AND STORAGE**

<b>Precautions for Safe Handling</b>	<b>Conditions for Safe Storage</b>
Do not breath mists if inhalable mists occur. Do not get in eyes, or skin, or on clothing. Wash hands thoroughly after handling. Wear protective gloves/ eye protection during manufacturing and packaging operation. Keep container closed. Promptly clean up spills. Keep out of reach of children. Do not use with other household cleaners.	Keep containers closed Store in clean, tightly closed plastic containers. Store separate from acids, reactive metals, and ammonium salts. Do not store in aluminum, fiberglass, copper, brass, zinc, or galvanized containers.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**VENTILATION and ENGINEERING CONTROLS:** In a manufacturing environment, use mechanical ventilation or a large open area to maintain exposure limits below TLV.

**RESPIRATORY PROTECTION:** In a manufacturing environment where aerosolized mists might occur during mixing or pouring, use a NIOSH-approved N95 respirator; respiratory protection not required for consumer use.

**EYE PROTECTION:** In a manufacturing environment, chemical splash goggles are required; protective eyewear is encouraged for consumers using any household cleaning product.

**SKIN PROTECTION:** In a manufacturing environment, resistant gloves such as nitrile, latex, or rubber are required.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** In the manufacturing environment, impervious clothing and boots are recommended to prevent exposure from large spills; in the consumer environment, avoid skin and eye contact, and avoid breathing mists.

**WORK HYGIENIC PRACTICES:** Wash hands with soap and water after handling this product. Avoid direct contact with skin and eyes.

**EXPOSURE LIMITS:**

CHEMICAL NAME (COMMON NAME)	CAS NUMBER	REGULATORY		RECOMMENDED	
		OSHA PEL 8 hr TWA	Cal/OSHA PEL 8 hr TWA	NIOSH REL 10 hr TWA	ACGIH 2015 8 hr TWA
ethylene glycol monobutyl ether	111-76-2	50 ppm	20 ppm	5 ppm	20 ppm
ammonium hydroxide (as ammonia 7804-41-7)	1336-21-6	50 ppm	25 ppm	25 ppm	25 ppm

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:** transparent, colorless liquid**ODOR:** slightly sweet with hint of ammonia**pH:** >12.5**RELATIVE DENSITY (water = 1):** 1.015**MELTING/FREEZING POINT:** <0 °C (slightly less than water)**INITIAL BOILING POINT / BOILING RANGE:** >100 °C (slightly more than water)**SOLUBILITY:** completely water miscible**PARTITION COEFFICIENT (n-octanol/water):** unknown**VISCOSITY:** (slightly more than water)**VAPOR PRESSURE:** slightly less than water**VAPOR DENSITY:** unknown**EVAPORATION RATE:** similar to water**FLASH POINT:** does not flash up to boiling**FLAMMABILITY:** not flammable**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:** not applicable**AUTO-IGNITION TEMPERATURE:** unknown**DECOMPOSITION TEMPERATURE:** unknown**SECTION 10: STABILITY AND REACTIVITY****REACTIVITY:** Because this product has a very high pH, prolonged contact with incompatible metals may produce flammable hydrogen gas.**CHEMICAL STABILITY:** This product is stable under normal use and storage conditions.**OTHER:****Incompatibilities/Materials to Avoid:** acids, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc, or other alkali sensitive metals or alloys**Hazardous Decomposition Products:** None anticipated**Hazardous Polymerization:** Will not occur**SECTION 11: TOXICOLOGICAL INFORMATION****Likely Routes of exposure:** Skin and eye contact; Inhalation of mists**Acute Exposure Effects:** This high pH cleaning product is immediately corrosive to eyes and mucous membranes, and is corrosive to skin upon prolonged contact.**Delayed Exposure Effects:** unknown**Chronic Exposure Effects:** unknown**LD<sub>50</sub> Oral:** not tested; Acute Toxicity Estimate from ingredients and formulation >10000 mg/Kg (rat)**LC<sub>50</sub> Inhalation:** unknown; not tested; not estimated**LD<sub>50</sub> Dermal:** unknown; not tested; not estimated**CARCINOGENICITY:** No ingredients in this product are classified as a carcinogen by NTP, IARC, or OSHA**SECTION 12: ECOLOGICAL INFORMATION****LC<sub>50</sub> Aquatic Toxicity:** not tested; estimate from ingredients and formulation: > 100 mg/L**Biodegradability:** not tested; the organic components of this mixture are classified as readily biodegradable**Bioaccumulation potential:** unknown; not tested

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**SECTION 16: OTHER INFORMATION****REFERENCES:**

17 CFR 94509 Standards for Consumer Products  
29 CFR 1910 (OSHA)  
40 CFR 300-399 (EPA)  
40 CFR 59 Subpart C (EPA Consumer Products VOC Regulations)  
49 CFR 172.101 (DOT)  
ACGIH 2015 Threshold Limit Values for Chemical Substances and Physical Agents  
California Code of Regulations: Title 8, Div 1, Ch 4, Subchapter 7, Group 16 (PEL and STEL for Air Contaminants)  
Globally Harmonized System of Classification and Labeling of Chemicals, United Nations, ST/SG/AC.10/30/Rev.5  
Flash Points of Aqueous Solutions of Flammable Solvents, Aatbury, et. Al., Avecia Limited, Institution of Chemical Engineers  
Symposium Series No. 150,  
International Agency for Research on Cancer (IARC) monograph search  
National Toxicology Program (NTP) status search  
NIOSH Pocket Guide to Chemical Hazards  
Proposition 65 Status Report on No Significant Risk Levels for Carcinogens and Maximum Allowable Dose Levels for Chemicals  
Causing Reproductive Toxicity  
The Registry of Toxic Effects of Chemical Substances

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**REVISION HISTORY:** Version 0: May 4, 2015

**DISCLAIMER:** The information contained in this SDS is based on technical data and estimates or tests believed to be accurate at the time of preparation. The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The SDS preparer shall not be held liable for any damage resulting from handling or from contact with the product.

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### WASTE DISPOSAL METHOD:

**Large scale, unneutralized:** Dispose of the unneutralized product in accordance with Federal, State, and Local regulations as a hazardous waste (due to high pH), using a certified hazardous waste hauler. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems.




**Large scale, neutralized:** Dispose of neutralized product in a landfill as non-hazardous waste.

**RCRA HAZARD CLASS:** Large quantities of this unneutralized product are a RCRA hazardous waste (D002); the hazard class is corrosive (pH >12.5).

**Consumer Product Waste:** The unneutralized product as consumer waste is not subject to RCRA Classification or waste disposal restrictions.

### SECTION 14: TRANSPORT INFORMATION

#### U.S. DEPARTMENT OF TRANSPORTATION (US DOT):

Bulk Shipment	Retail Consumer Commodity Shipments where containers are <5 L.
UN Number: 3253	UN Number: 3253
Proper Shipping Name: Disodium Trioxosilicate 1-5% mixture	Proper Shipping Name: Limited Quantity, Disodium Trioxosilicate 1-5% mixture
Hazard Class/ Division: 8	Hazard Class/ Division: 8
Packing Group: III	Packing Group: III
Labeling Requirements:	Labeling Requirements:
	 

### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

##### TSCA (TOXIC SUBSTANCE CONTROL ACT):

All ingredients in this product are in compliance with US TSCA Chemical Substance Inventory Requirements.

##### CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT) (40 CFR302.4):

Reportable Quantity of spilled bulk product ("corrosive") is 100 pounds.

##### EPCRA EXTREMELY HAZARDOUS SUBSTANCES (40CFR 355.30):

Not regulated.

##### EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40CFR 370.10):

Acute Health Hazard (due to pH >12.5). Reportable quantity of stored bulk product ("corrosive") is ≥10000 pounds.

##### EPCRA SECTION 313 TOXIC CHEMICAL NOTIFICATION AND RELEASE REPORTING (40 CFR 372.65):

In the manufacturing environment, this product is exempt from toxic chemical release reporting requirements because it contains no 40CFR372 Subpart D toxic chemicals above the *de minimus* levels.

As a consumer product, Soilove Laundry Soil-Stain Remover is exempt from all toxic chemical release reporting requirements, per 40CFR372.38(a) and (c).

#### STATE REGULATIONS:

**California Proposition 65:** This product contains no chemicals known by the State of California to cause cancer or reproductive or developmental harm.

**California Air Resources Board:** VOC (Method 310) 3.3% (calculated)