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

Product identifier

Product Label Name: all Stainlifter Liquid Laundry Detergent
Product Generic Name: Liquid Laundry Detergent
Other means of identification: UPC Code(s)
72613450343, 72613458387, 72613450534, 72613450442, 72613451573, 72613457403, 72613461753, 72613461777, 72613461807, 72613461784, 72613464302, 72613464258, 72613464876

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Laundry detergent liquid for clothes washing machines.
Uses advised against: Read label before use

Supplier's details

Manufacturer Address
Sun Products Corporation
60 Danbury Road, Wilton, CT 06897
After 1/1/2018 Henkel Corporation
One Henkel Way, Rocky Hill, CT 06067
1-800-298-2408

Emergency telephone number

Emergency telephone
Chemtrec (US/CA) 1-800-424-9300 (24 hour)
General - 1-800-776-6702 (Monday – Friday, 8:30AM to 6:00PM EST)
Propharma: 1-800-565-5597 (24 hours)

2. HAZARDS IDENTIFICATION

The hazards described in this OSHA Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers. The SDS provides additional information for safe handling of the product. For information regarding consumer application of this product refer to the product label.

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

Emergency Overview
Warning

Hazard Statements
Causes serious eye irritation

Appearance Clear Liquid  Physical state liquid  Odor Characteristic

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response
Get medical advice/attention if you feel unwell
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

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Hazard not otherwise classified (HNOC)
Not applicable
Other information
• May be harmful if swallowed
  General Hazards  No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12-C15 Alcohol Ethoxylate</td>
<td>68131-39-5</td>
<td>5 - 10</td>
<td></td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice  Get medical attention immediately if symptoms occur.
Eye contact  Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Skin contact  Wash off immediately with plenty of water. Consult a physician if necessary.
Toxic - Inhalation  Not expected. If symptoms persist, call a physician.
Ingestion  Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
Protection of First-aiders  Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms**  None under normal use conditions.

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

**Notes to physician**  Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**  Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**  None.

**Specific hazards arising from the chemical**  None known.

- **Hazardous Combustion Products**  Not applicable.

- **Explosion Data**
  - **Sensitivity to Mechanical Impact**  None.
  - **Sensitivity to Static Discharge**  None.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**  Avoid contact with the skin and the eyes.

**Advice for emergency responders**  For personal protection see section 8.

**Environmental precautions**

**Environmental precautions**  See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

- **Methods for Containment**  Prevent further leakage or spillage if safe to do so.

- **Methods for cleaning up**  Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**  Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions**  Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol 64-17-5</td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm, TWA: 1900 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m³</td>
<td>IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin and body protection
No special protective equipment required.

Respiratory protection
No special protective equipment required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>blue</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
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<td></td>
</tr>
<tr>
<td>pH</td>
<td>7.7</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
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<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
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<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
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<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
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<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
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<tr>
<td>Specific Gravity</td>
<td>1.05</td>
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<tr>
<td>Water solubility</td>
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</tr>
<tr>
<td>Solubility in other solvents</td>
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</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
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<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
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<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
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<tr>
<td>Viscosity, kinematic</td>
<td>500 cps</td>
<td></td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
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<td></td>
</tr>
<tr>
<td>Explosive properties</td>
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<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not expected

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Hazardous Polymerization
None under normal processing.

Conditions to Avoid
Extremes of temperature and direct sunlight.

Incompatible Materials
None known.

Hazardous Decomposition Products
None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
There is no data available for this product

Toxic - Inhalation
Not an expected route of exposure.

Eye contact
May cause irritation.

Skin contact
Prolonged contact may cause redness and irritation.

Ingestion
May be harmful if swallowed.

Component Information

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
No known effect.

Eye damage/irritation
No known effect.

Sensitization
No known effect.

Germ cell mutagenicity
No known effect.

Carcinogenicity
No known effect.

Reproductive toxicity
No known effect.

Developmental Toxicity
No known effect.

STOT - single exposure
No known effect.

STOT - repeated exposure
No known effect.

Chronic toxicity
No known effect.

Aspiration hazard
No known effect.
Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

| ATEmix (oral) | 11125 mg/kg |
| ATEmix (dermal) | 14560 mg/kg |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12-C15 Alcohol Ethoxylate</td>
<td></td>
</tr>
<tr>
<td>68131-39-5</td>
<td>-</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Do not re-use empty containers.

California Hazardous Waste Codes

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12-C15 Alcohol Ethoxylate</td>
<td>-</td>
</tr>
<tr>
<td>68131-39-5</td>
<td></td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories

| TSCA  | - |
| DSL/NDSL | - |
| EINECS/ELINCS | - |
ENCS -
IECSC -
KECL -
PICCS -
AICS -

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol - 64-17-5</td>
<td>Carcinogen</td>
</tr>
<tr>
<td></td>
<td>Developmentan</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated by state right-to-know regulations

U.S. EPA Label information
EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
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</tbody>
</table>

Prepared By
Sun Products Corporation
Regulatory Affairs
Revision Date 24-May-2017

Revision Note
No information available

Disclaimer
The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Sun Products Corporation to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Sun Products Corporation assumes no responsibility for injury to the recipient of third persons, or for any damage to any property resulting from misuse of the product.

End of Material Safety Data Sheet