



# SAFETY DATA SHEET

Revision Date: 15-May-2018

Version: 3

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

### Product identifier

**Product Label Name** all Stainlifter Mighty Pacs Free Clear  
**Product Generic Name** Single Dose Liquid Laundry Detergent  
**Other means of identification**  
**UPC Code(s)** 72613462797, 72613462810, 72613161300, 72613461165, 72613460540, 72613463978, 7261345956, 7261345842  
**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Laundry single dose liquid pack for clothes washing machines.  
**Uses advised against** Read label before use

### Supplier's details

**Distributor**  
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)

Serious eye damage/eye irritation

Category 2A

### GHS Label elements, including precautionary statements

#### **Emergency Overview**

**Warning**

#### **Hazard Statements**

Causes serious eye irritation



**Appearance** Liquid Pack

**Physical state** liquid

**Odor** FREE OF PERFUME

**Precautionary Statements - Prevention**

Wash hands 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

**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.

**Hazards not otherwise classified (HNOC)**

May be harmful if swallowed

**Other information**

General Hazards

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade Secret
C12-C15 Alcohol Ethoxylate	68131-39-5	10 - 30	
Glycerol	56-81-5	10 - 30	
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES	68584-22-5	5 - 10	
Ethyl alcohol	64-17-5	1 - 5	
Subtilisin	9014-01-1	0.1 - 1	
Ethanolamine	141-43-5	0.1 - 1	
Benzene, C10-13-alkyl derivatives	67774-74-7	0.1 - 1	

\*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**

If symptoms persist, call a physician.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If irritation persists, call a physician.

**Skin contact**

Wash skin with soap and water. Get medical attention if irritation develops and persists.

**Toxic - Inhalation**

Not expected. Get medical attention immediately if symptoms occur.

**Ingestion**

Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center immediately.

**Protection of First-aiders** Use personal protective equipment.

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

**Main Symptoms** Eye irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Chronic Effects. Not expected.

**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**

Keep product and empty container away from heat and sources of ignition.

**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** Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

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

<b>Technical measures/Storage conditions</b>	Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place.
<b>Packaging material</b>	Keep consumer product in packaging product is initially sold in.
<b>Incompatible products</b>	None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol 56-81-5		TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Subtilisin 9014-01-1	Ceiling: 0.00006 mg/m <sup>3</sup> crystalline active enzyme	(vacated) STEL: 0.00006 mg/m <sup>3</sup> 60 min	STEL: 0.00006 mg/m <sup>3</sup> 60 min Subtilisins
Ethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m <sup>3</sup> (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m <sup>3</sup> (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m <sup>3</sup>	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>

**Appropriate engineering controls**

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No special protective equipment required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.
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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and chemical properties**

<b>Physical state</b>	liquid	<b>Odor</b>	FREE OF PERFUME
<b>Appearance</b>	Liquid Pack	<b>Odor threshold</b>	No information available
<b>Color</b>	Near colorless to pale yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	7.8	
<b>Melting point</b>	No information available	
<b>Boiling point/boiling range</b>	No information available	
<b>Flash Point</b>	No information available	
<b>Evaporation rate</b>	No information available	

<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	1.048
<b>Water solubility</b>	Soluble in water
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity, kinematic</b>	250 cps
<b>Viscosity, dynamic</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

**Other information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content(%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk Density</b>	No information available

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not expected

**Chemical stability**

Stable under normal 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**

<b>Product Information</b>	There is no data available for this product
<b>Toxic - Inhalation</b>	Not an expected route of exposure.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	May cause irritation.
<b>Ingestion</b>	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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

**Reproductive toxicity** No known effect.  
**Developmental Toxicity** No known effect.  
**STOT - single exposure** No known effect.  
**STOT - repeated exposure** No known effect.  
**Chronic toxicity** Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage.  
**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) 2619 mg/kg

ATEmix (dermal) 3706 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

Chemical Name	Partition coefficient
C12-C15 Alcohol Ethoxylate 68131-39-5	-
Glycerol 56-81-5	-1.76
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES 68584-22-5	2
Ethyl alcohol 64-17-5	-0.32
Subtilisin 9014-01-1	-
Ethanolamine 141-43-5	-1.91
Benzene, C10-13-alkyl derivatives 67774-74-7	-

**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**

Chemical Name	California Hazardous Waste Status
C12-C15 Alcohol Ethoxylate 68131-39-5	-
Glycerol 56-81-5	-
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES 68584-22-5	-
Ethyl alcohol 64-17-5	Toxic Ignitable
Subtilisin 9014-01-1	-
Ethanolamine 141-43-5	-
Benzene, C10-13-alkyl derivatives 67774-74-7	-

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	Complies

**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**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**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: Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

<b>Chemical Name</b>	<b>California Prop. 65</b>
Ethyl alcohol - 64-17-5	Carcinogen Developmental

Chronic toxicity Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage

**U.S. State Right-to-Know Regulations**

This product contains substances regulated by state right-to-know regulations

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
Glycerol 56-81-5	X	X	X
Water 7732-18-5			X
Propylene Glycol 57-55-6	X		X
Ethyl alcohol 64-17-5	X	X	X
Sodium Sulfate 7757-82-6		X	X
Ethanolamine 141-43-5	X	X	X

**U.S. EPA Label information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**



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<b><u>NFPA</u></b>	Health hazard 1	Flammability 0	Instability 0	Physical and chemical hazards -
<b><u>HMIS</u></b>	Health hazard 1	Flammability 0	Physical Hazard 0	Personal protection X

**Revision Date** 15-May-2018

**Revision Note**

No information available

**Disclaimer**

. 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.

**End of Material Safety Data Sheet**