

SAFETY DATA SHEET

Revision Date: 23-Oct-2019

Version: 1

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

Product identifier

Product Label Name Solimo Laundry Detergent Pacs - Fresh
Product Generic Name Single Dose Liquid Laundry Detergent
Other means of identification
UPC Code(s) Not applicable
Synonyms None

Recommended use of the chemical and restrictions on use

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

Supplier's details

Distributor
Amazon.com
440 Terry Avenue
North Seattle, WA 98109

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

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
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GHS Label elements, including precautionary statements

Emergency Overview

Warning

Hazard Statements
Causes serious eye irritation



Appearance Liquid Pack **Physical state** liquid **Odor** Characteristic

Precautionary Statements - Prevention

Keep out of reach of children
Keep container tightly closed
Wash hands thoroughly after handling

Precautionary Statements - Response

Call a POISON CENTER or doctor/physician 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 ON SKIN: Wash with plenty of soap and water
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
IF SWALLOWED: Immediately call a POISON CENTER or doctor

Precautionary Statements - Storage

Keep out of reach of children
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	
Ethyl alcohol	64-17-5	5 - 10	
Subtilisin	9014-01-1	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. Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment.

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

Technical measures/Storage conditions	Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.
Packaging material	Keep consumer product in packaging product is initially sold in.
Incompatible products	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 ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Subtilisin 9014-01-1	Ceiling: 0.00006 mg/m ³ crystalline active enzyme	(vacated) STEL: 0.00006 mg/m ³ 60 min	STEL: 0.00006 mg/m ³ 60 min Subtilisins

Appropriate engineering controls

Engineering Measures	Showers Eyewash stations Ventilation systems.
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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.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	liquid	Odor	Characteristic
Appearance	Liquid Pack	Odor threshold	No information available
Color	Colored		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.8	
Melting point	No information available	
Boiling point/boiling range	No information available	
Flash Point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper Flammability Limit	No information available	

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

Other information

Softening point	No information available
Molecular weight	No information available
VOC Content(%)	No information available
Density	No information available
Bulk Density	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

Product Information There is no data available for this product

Toxic - Inhalation Not an expected route of exposure.

Eye contact Irritating to eyes.

Skin contact May cause irritation.

Ingestion 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) 3257 mg/kg

ATEmix (dermal) 4396 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
Ethyl alcohol 64-17-5	-0.32
Subtilisin 9014-01-1	-

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	-
Ethyl alcohol 64-17-5	Toxic Ignitable
Subtilisin 9014-01-1	-

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

Acute Health Hazard Yes
Chronic Health Hazard No

Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard 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:

Chemical Name	California Prop. 65
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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X
Glycerol 56-81-5	X	X	X
Propylene Glycol 57-55-6	X		X
Ethyl alcohol 64-17-5	X	X	X

U.S. EPA Label information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA Health hazard 1 Flammability 1 Instability 0 Physical and chemical hazards -
HMIS Health hazard 1 Flammability 1 Physical Hazard 0 Personal protection X

Revision Date 23-Oct-2019

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