



Hero Clean Liquid Laundry Unit Dose

SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product identifier	
Product Name	Hero Clean Liquid Laundry Unit Dose
CAS No.	Mixture.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Laundry detergent
Uses advised against	None known.
1.3 Details of the supplier of the product	
Company Identification	Hero Clean LLC 1915 NE 117th Rd Miami, FL 33181
Telephone	(917) 940-8676
1.4	
Emergency telephone number	(917) 940-8676 [8am-5pm M-F (UTC -5)]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture

GHS 29 CFR 1910.1200	Acute toxicity oral Category 4 Skin Corrosion/Irritation Category 2 Eye damage/Irritation Category 2A
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2.2 Label elements

Hazard pictogram(s)



Signal word(s)
Hazard statement(s)

Warning
Causes serious eye irritation
Causes skin irritation
Harmful if swallowed

Precautionary statement(s)

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 attention
 IF SWALLOWED: Drink plenty of water. Call poison control if person feels unwell.
 IF ON SKIN: Rinse with plenty of water
 If skin irritation occurs, get medical attention

- 2.3 Other hazards** None.
- 2.4 Additional Information** None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Ethoxylated alcohol	25-40	68131-39-5
Glycerine	10-20	56-81-5
Linear alkylbenzene sulfonic acid	10-20	68584-22-5
Water	5-15	7732-18-5
Sodium Laureth Sulfate	5-10	9004-82-4
Propylene Glycol	5-10	57-55-6
Coconut fatty acid	0-10	61788-47-4
Monoethanolamine	0-5	141-43-5
Enzyme	0-3	Mixed
Dye, fragrance	<1	Mixed

3.2 Additional Information

None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, get medical attention.
Skin Contact	Wash with plenty of soap and water. If irritation develops, get medical attention.
Eye Contact	Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation develops, get medical attention.
Ingestion	Give plenty of water to drink. Do NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media	Water spray, foam, dry powder or CO ₂ .
Unsuitable Extinguishing Media	None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environmental precautions

Do not release large quantities into the surface water or into

- 6.3 **Methods and material for containment and cleaning up** drains.
Adsorb spillages onto sand, earth or any suitable adsorbent material.
- 6.4 **Reference to other sections** See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.





- 7.1 **Precautions for safe handling** Wear suitable personal protective equipment. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.
- 7.2 **Conditions for safe storage, including any incompatibilities** Keep in a cool, well ventilated place.
- Storage Temperature Ambient.
- Storage Life Stable under normal conditions.
- Incompatible materials None know
- 7.3 **Specific end use(s)** Detergent.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
- 8.1.1 **Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Glycerine	56-81-5	5mg/m ³	-	-	

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

- 8.1.2 **Biological limit value** Not established.
- 8.1.3 **PNECs and DNELs** Not established.
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls** Provide adequate ventilation.
- 8.2.2 **Personal protection equipment**
- Eye/face protection  Wear protective eye glasses for protection against liquid splashes.
- Skin protection (Hand protection/ Other)  Wear suitable gloves if prolonged skin contact is likely.
Wear impervious gloves (EN374).
- Respiratory protection  Normally no personal respiratory protection is necessary.
- Thermal hazards  Not applicable.
- 8.2.3 **Environmental Exposure Controls** Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Information on basic physical and chemical properties**
- Appearance Liquid.
- Color Clear to yellow
- Odor Scented
- Odor Threshold Not established.

pH	7-9
Melting Point/Freezing Point	Not applicable.
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapour pressure	No information available
Vapour density	Not applicable.
Relative density	No information available.
Solubility	Soluble in water.
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	None anticipated.
10.5 Incompatible materials	None in particular.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity	May be harmful if swallowed
Irritation	Irritating to skin and eyes
Corrosivity	Irritating to skin and eyes
Sensitisation	It is not a skin sensitizer.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	No evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	CAS	Oral LD50	Dermal LD50	Inhalation LC50
Ethoxylated alcohol	68131-39-5	>2g/kg rat	>5g/kg rat	No data
Glycerine	56-81-5	>10g/Kg rabbit	>10g/kg rabbit	>500mg rat
Linear alkylbenzene sulfonic acid	68584-22-5	0.5-2g/kg rat	>2g/kg rabbit	No data

12.2 Persistence and degradability	No information available
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	No information available
12.5 Results of PBT and VPVB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
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13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1 UN number	Not applicable.
14.2 UN Proper Shipping Name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing Group	Not applicable.
14.5 Environmental hazards	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.2 GHS	Created in accordance with the OSHA's implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
15.3 US EPA	TSCA: All ingredient are on the TSCA inventory.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

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Annex to the extended Safety Data Sheet (eSDS)

No information available.