

SAFETY DATA SHEET

Empire Liquid Laundry Detergent

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Printed: 11/12/2020

Revision: 11/12/2020

Supersedes Revision: 06/18/2018

1. Product and Company Identification

Product Code: 584870GAL
Product Name: Empire Liquid Laundry Detergent
Company Name: Empire Cleaning Supply
11020 Bloomfield Ave
Santa Fe Springs, CA 90670
Phone Number: (323)248-7750
Web site address: <http://empirecleaningsupply.com/>
Emergency Contact: Chem Trec (800)424-9300
Recommended Use: Hand Soap
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 5

GHS Signal Word: Warning
GHS Hazard Phrases: H303 - May be harmful if swallowed.
H320 - Can cause eye irritation.
GHS Precaution Phrases: P102 - Keep out of reach of children.
GHS Response Phrases: P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical attention immediately.
P301+312 - If swallowed: Call a Poison Center or doctor if you feel unwell.
GHS Storage and Disposal Phrases: P411+235 - Store in cool dry place at room temperature away from direct sunlight.
P501 - Dispose of contents and container according to the local, city, state and federal regulations.
Inhalation: Not expected to be a problem.
Skin Contact: Not expected to be a problem.
Eye Contact: Causes eye irritation.
Ingestion: May cause irritation of the digestive tract. Causes gastrointestinal irritation with nausea, vomiting and diarrhea. Do not induce vomiting unless directed by a physician.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
9004-82-4	Sodium lauryl ether sulfate	Proprietary	
61789-40-0	Cocamidopropyl betaine	Proprietary	

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4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Not expected to be a problem.

In Case of Skin Contact: Wash with water.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Drink large amounts of water. Call physician.

Signs and Symptoms Of Exposure: Vomiting, Diarrhea.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NR

Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not ingest or inhale. Keep out of reach of children.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9004-82-4	Sodium lauryl ether sulfate	No data.	No data.	No data.
61789-40-0	Cocamidopropyl betaine	No data.	No data.	No data.

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Respiratory Equipment (Specify Type):	None.
Eye Protection:	None.
Protective Gloves:	None.
Other Protective Clothing:	None.
Engineering Controls (Ventilation etc.):	No special ventilation requirements. General room ventilation is adequate.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Blue color liquid with pleasant fragrance.
pH:	7.0 - 9.0
Melting Point:	NE
Boiling Point:	>= 212.00 F
Flash Pt:	NR
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N/A N.E. UEL: N/A N.E.
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	> 1
Specific Gravity (Water = 1):	1.022
Density:	~ 8.52 LB/GA
Bulk density:	NE
Solubility in Water:	100%
Saturated Vapor Concentration:	NE
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	N.A.
VOC / Volume:	0.0000 G/L
Autoignition Pt:	NE
Decomposition Temperature:	NE
Viscosity:	~ 200 cps - 400 cps
Particle Size:	NE
Heat Value:	NE
Corrosion Rate:	NP

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	None.
Incompatibility - Materials To Avoid:	None.
Hazardous Decomposition or Byproducts:	Nature of decomposition products unknown.
Possibility of Hazardous	Will occur [] Will not occur [X]

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Reactions:**Conditions To Avoid -** None.**Hazardous Reactions:****11. Toxicological Information**

Toxicological Information: CAS# 9004-82-4: Acute toxicity, LD50, Oral, Rat, 1600. MG/KG. Result: Behavioral: Coma. Lungs, Thorax, or Respiration:Dyspnea. Nutritional and Gross Metabolic:Changes in:Metabolic acidosis. ; Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY, Vol/p/yr: 2(5),1, 1983

Carcinogenicity/Other Information: CAS# 8006-54-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: CAS# 9004-82-4: Not reported., Cuvie, Tangleweed (Laminaria hyperborea), adult(s), 100000. UG/L, 24 H, Cell(s), Water temperature: 10.00 C C. Result: No observed effect. ; The Effect of Marine Pollutants on Laminarea hyperboria, Hopkins, R., and J.M. Kain, 1971

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information**LAND TRANSPORT (US DOT):**

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9004-82-4	Sodium lauryl ether sulfate	No	No	No
61789-40-0	Cocamidopropyl betaine	No	No	No

This material meets the EPA Yes No Acute (immediate) Health Hazard

'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard

for SARA Title III Sections Yes No Fire Hazard

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311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
9004-82-4	Sodium lauryl ether sulfate	CA PROP.65: No; CA TAC, Title 8: No
61789-40-0	Cocamidopropyl betaine	CA PROP.65: No; CA TAC, Title 8: No

Regulatory Information Statement:

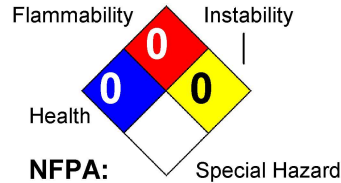
16. Other Information

Revision Date: 11/12/2020

Hazard Rating System:

HEALTH	0
FLAMMABILITY	0
PHYSICAL	0
PPE	

HMIS:



Additional Information About This Product: No data available.

Company Policy or Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.