SAFETY DATA SHEET
Laundry Detergent (HE)

Printed: 11/14/2025
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This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: LFGPLLAUNDRYDET

Product Name: Laundry Detergent (HE)

Trade Name: RENEGADE CLEANING PRODUCTS

Company Name: Maverick Abrasives
4340 E. Miraloma Ave
Anaheim, CA 92807

Phone Number: (714)409-9041

Web site address: www.renegadecleaningproducts.com

Email address: garrett@renegadeproductsusa.com

Emergency Contact: INFOTRAC - info@infotrac.net
Contract #914-39

USA/Canada (800)535-5053
Int'l (352)323-3500

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Specific Target Organ Toxicity (single exposure), Category 2
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: **Warning**

GHS Hazard Phrases:
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H371 - May cause damage to organs - Digestive tract..
H402 - Harmful to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases:
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+311 - If exposed of concerned: Call a POISON CENTER/Doctor/...
P321 - Specific treatment see ... on this label.
P332+313 - If skin irritation occurs, get medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.
P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases:
P405 - Store locked up.
P501 - Dispose of contents/container to ...

Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS -none.

Prolonged or repeated skin contact may cause defatting and dermatitis.

Chronic: None. Effects may be delayed. Hemolysis of red blood cells may lead to possible liver and kidney.

Inhalation: No hazard expected in normal industrial use. Causes chemical burns to the respiratory tract. May be harmful if inhaled. Aspiration may lead to pulmonary edema. May cause systemic effects. Central nervous system effects, which appear to predominate in acute cases are characterized by abnormal fatigue, memory difficulties and dizziness.

Skin Contact: May be harmful if absorbed through the skin. Causes severe eye burns. Not available. Prolonged skin contact may cause moderate irritation, defatting, dermatitis. Overexposure may cause painful burns on exposed skin.

Eye Contact: Causes severe eye burns. May cause chemical conjunctivitis and corneal damage.

Ingestion: No hazard expected in normal industrial use. Harmful if swallowed. Causes severe digestive tract burns. Causes gastrointestinal tract burns. May cause central nervous system effects. May cause systemic effects.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
9004-82-4	Sodium lauryl ether sulfate	1.0 -3.0 %	
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	1.0 -2.0 %	
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	< 0.1 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If breathed in, move person into fresh air. Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

In Case of Skin Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Wash off with soap and plenty of water. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

In Case of Eye Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Flush eyes with water as a precaution. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).

In Case of Ingestion: No specific treatment is necessary, since this material is expected to be non-hazardous. Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting. Call a poison control center. If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Signs and Symptoms Of The most important known symptoms and effects are described in the labelling (see

Exposure:	section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed:	No data available.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Point:	No data. Method Used: Estimate
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Not available. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use foam, dry chemical, or carbon dioxide.
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. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary. Further information: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated. Runoff from fire control or dilution water may cause pollution.
Flammable Properties and Hazards:	Hydrogen chloride gas.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.
Environmental Precautions:	Do not let product enter drains.
Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Sweep up and shovel. Keep in suitable, closed containers for disposal. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Provide ventilation. Do not let this chemical enter the environment. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section.

7. Handling and Storage

Precautions To Be Taken in Handling:	No special handling procedures are required. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Use only in a chemical fume hood. Wash thoroughly after handling. Use with adequate ventilation. Keep container tightly closed. Discard contaminated shoes. Avoid breathing dust, mist, or vapor.
Precautions To Be Taken in Storing:	No special storage requirements. Keep container tightly closed in a dry and well-ventilated place. Store in a cool, dry place. Store in a tightly closed container. Keep container closed when not in use. Corrosives area.
Other Precautions:	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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.
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No data.	No data.	No data.
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	No data.	No data.	No data.

Personal Protective Equipment Symbols:



Respiratory Equipment (Specify Type):
Respirator protection is not normally required. Wear respiratory protection.
Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection:
Eye protection is not normally required. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear chemical splash goggles.

Protective Gloves:
Protective garments not normally required. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.
Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 480 min. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing:
Protective garments not normally required. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.):
There are no special ventilation requirements. General industrial hygiene practice. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use only under a chemical fume hood. Use adequate ventilation to keep airborne concentrations low.

Environmental Exposure Controls:
Do not let product enter drains.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Blue. Febreeze Scent.
pH:	6.8-8
Melting Point:	0.00 C (32.0 F) - 801.00 C (1473.8 F) - Range of ingredient values (good data)
Boiling Point:	100.00 C (212.0 F) - 1465.00 C (2669.0 F) - Range of ingredient values (good data)
Flash Point:	No data. Estimate
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure:	No data.
Vapor Density (vs. Air=1):	No data.
Specific Gravity (Water=1):	No data.
Density:	~ 1.020 G/CM3
Solubility in Water:	100%
Saturated Vapor Concentration:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	No data.
Decomposition Temperature:	No data.
Viscosity:	No data.
Explosive Properties:	No data available.
Information on other hazards:	No data available.

10. Stability and Reactivity

Reactivity:	No data available.
Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	No data available. Incompatible materials, Extreme temperatures.
Incompatibility - Materials To Avoid:	None. Strong oxidizing agents, Strong reducing agents.
Hazardous Decomposition or Byproducts:	None. No data available. In the event of fire: see section 5. Carbon monoxide, oxides of sulfur, irritating and toxic fumes and gases, Carbon dioxide.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: Acute toxicity.

Germ cell mutagenicity: Reproductive toxicity. Aspiration hazard: No information found.
Teratogenicity: No information available.

Irritation or Corrosion: Skin corrosion/irritation. No data available. Serious eye damage/eye irritation: no data available.

Sensitization: No data available.

Chronic Toxicological Effects: Specific target organ toxicity - single exposure: No data available.
Specific target organ toxicity -repeated exposure: no data available.

Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. 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.
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. CAS# 85536-14-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.
California: Not listed.
NTP: Not listed.
IARC: Not listed. CAS# 6834-92-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 68439-57-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 127087-87-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9004-82-4	Sodium lauryl ether sulfate	n.a.	n.a.	n.a.	n.a.
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	n.a.	n.a.	n.a.	n.a.
6440-58-0	2,4-Imidazolidinedione,	n.a.	n.a.	n.a.	n.a.
	1,3-Bis(hydroxymethyl)-5,5-dimethyl-				

12. Ecological Information

General Ecological Information: Environmental: Aquatic: Water temperature affects biodegration. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures. Sodium-C12 linear alkylbenzene sulfonic acids. Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation.
Physical: No information found.
No information available.
Physical: No information available.
Other: The high pH of this material makes it harmful to aquatic life.

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other adverse effects: No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed. Product:
Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging:

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

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
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No	No	No
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[ ] Yes [X] No Explosive
[ ] Yes [X] No Flammable (gases, aerosols, liquid, or solid)
[ ] Yes [X] No Oxidizer (liquid, solid or gas)
[ ] Yes [X] No Self-reactive
[ ] Yes [X] No Pyrophoric (liquid or solid)
[ ] Yes [X] No Pyrophoric gas
[ ] Yes [X] No Self-heating
[ ] Yes [X] No Organic peroxide
[ ] Yes [X] No Corrosive to metal
[ ] Yes [X] No Gas under pressure (compressed gas)
[ ] Yes [X] No In contact with water emits flammable gas
[ ] Yes [X] No Combustible Dust
[ ] Yes [X] No (Physical) Hazard Not Otherwise Classified (HNOC)

[ ] Yes [X] No Acute toxicity (any route of exposure)
[X] Yes [ ] No Skin Corrosion or Irritation
[X] Yes [ ] No Serious eye damage or eye irritation
[ ] Yes [X] No Respiratory or Skin Sensitization
[ ] Yes [X] No Germ cell mutagenicity
[ ] Yes [X] No Carcinogenicity
[ ] Yes [X] No Reproductive toxicity
[X] Yes [ ] No Specific target organ toxicity (single or repeated exposure)
[ ] Yes [X] No Aspiration Hazard
[ ] Yes [X] No Simple Asphyxiant
[X] Yes [ ] No (Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
9004-82-4	Sodium lauryl ether sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

Regulatory list descriptions:

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:
- Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
- Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

Other Important Lists:
- CWA NPDES: EPA Clean Water Act NPDES Permit Chemical
- CAA HAP: EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
- CA PROP 65: California Proposition 65
- CA TAC: California AB 1807 - Toxic Air Contaminants
- CA Title 8: California Hazardous Substances List: Title 8, Sec. 339

TSCA (Toxic Substances Control Act) Lists:
- TSCA: Chemical listed in the TSCA Inventory.
- 4 ECA: Enforceable Consent Agreements.
- 4 TERM: Termination of Testing.
- 4 Test: Testing of Existing Chemicals.
- 5A(2): Chemical Subject to Significant New Rules (SNURS)
- 5(e): Testing consent order chemicals.
- 5(f): Specific labeling - Immediately effective rules.
- 6A: Commercial Chemical Control Rules
- 6H: Persistent, bioaccumulative, and toxic (PBT) chemicals.
- 8A: Toxic Substances Subject To Information Rules on Production
- 8A CAIR: Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR: Preliminary Assessment Information Rules - (PAIR)
- 8A PFAS: Reporting and Recordkeeping Requirements for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS).
- 8C: Records of Allegations of Significant Adverse Reactions
- 8D: Health and Safety Data Reporting Rules
- 8D TERM: Health and Safety Data Reporting Rule Terminations
- 12(b): Notice of Export

International Regulatory Lists:

16. Other Information

Revision Date: 11/14/2025

Hazard Rating System:

HMIS:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B

Additional Information About This Product: No data available.

Company Policy or Disclaimer: