



## SAFETY DATA SHEET

### 1. Product and Company Identification

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<b>Product Name</b>	<b>RENEW SUPER LIQUID LAUNDRY SOAP</b>
<b>Product Number</b>	<b>829</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	Commercial laundry detergent
<b>Manufacturer/Supplier</b>	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
<b>Company Contact</b>	612-672-0022
<b>Emergency Telephone Number</b>	1-800-255-3924

### 2. Hazards Identification

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#### GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Acute toxicity, Oral (Category 5) H303,  
Skin irritation, (Category 3) H316  
Eye irritation, (Category 2B) H320  
Respiratory irritation (Category 3) H335  
Acute aquatic toxicity, (Category 3) H402  
Chronic aquatic toxicity, (Category 3) H412

#### GHS Label elements, including precautionary statements

**Pictogram** None required

**Signal word** Warning

#### Hazard Statements

H303 May be harmful if swallowed .  
H316 Causes mild skin irritation.  
H320 Causes eye irritation.  
H335 May cause respiratory irritation  
H412 Harmful to aquatic life with long lasting effects

#### Precautionary Statements

##### Prevention

P264 Wash hands thoroughly after handling concentrated product. Avoid hand contact with eyes.

P261 Avoid breathing mist/vapors of product.

P273 Avoid release to the environment.

##### Response

P312 IF SWALLOWED, call a POISON CENTER/doctor if feeling unwell.

P332+P313 If skin irritation occurs, get medical attention.

P305+P351+P337+P313 IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention

P304+P340+P312 IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if having difficulty breathing or feeling unwell.

##### Storage/Disposal

P501 Dispose of contents/container in accordance with local/regional/federal regulations.



### 3. Composition/Information on Ingredients

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Alkyl(C10-C16) ether sulfate, sodium salt	68585-34-2	H316, H320, H335, H402	8-10%
Lauryl glucoside	110615-47-9	H303, H316, H320	1-3%
Cocoamidpropyl betaine	61789-40-0	H315, H319, H412	1-3%

### 4. First Aid Measures

#### Description of First Aid Procedures

<b>General Advice</b>	Consult a physician. Show this SDS to the doctor.
<b>In Case of Eye Contact</b>	Flush with cool running water for 15 minutes. Remove contact lenses if present. Get immediate medical attention.
<b>In Case of Skin Contact</b>	Flush with cool water. If irritation occurs, get medical attention. Prolonged contact with the concentrated product may lead to minor irritation and dryness.
<b>If Ingested</b>	Rinse mouth with water. <b>Do not induce vomiting.</b> Obtain immediate medical attention. Never give anything by mouth to an unconscious person.
<b>If Inhaled</b>	Move person to fresh air. If breathing difficulty occurs, consult a physician.
<b>Notes to Physician</b>	Symptoms may be delayed.
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

### 5. Fire-fighting Measures

<b>Flammable properties</b>	None
<b>Extinguishing media</b>	Use methods appropriate to the source of the fire.
<b>Protection of firefighters</b>	Firefighters should wear protective clothing including self contained breathing apparatus
<b>Hazardous combustion products</b>	May include and not limited to oxides of carbon and nitrogen.
<b>Unusual Fire, Explosion hazards</b>	Containers may melt or rupture from heat of fire.

### 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personal away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Small spills, may be mopped up and rinsed. Large spills, dike area to prevent from spreading. Absorb with non reactive absorbent and place in suitable, covered, and labeled container. Rinse area with water. Never return spill to original container.
<b>Environmental precautions</b>	Avoid spills. Keep out of waterways.

### 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Use good industrial hygiene practices when handling this material.
<b>Conditions for Safe Storage</b>	Keep container closed when not in use. Store locked up.



## 8. Exposure Controls and Personal Protection

Exposure Limits			
Ingredients	CAS#	OSHA PEL	ACGIH TLV
Alkyl (C10-C16) ether sulfate Sodium salt	68585-34-2	Not available	Not available
Lauryl glucoside	110615-47-9	Not available	Not available
Cocoamidopropyl betaine	61789-40-0	Not available	Not available
<b>Engineering controls</b>	General ventilation normally adequate.		
<b>Personal protective equipment</b>			
<b>Eye/Face protection</b>	Normally not required. Have suitable eye wash water available.		
<b>Hand protection</b>	Wear rubber or neoprene gloves if hand contact is likely.		
<b>Skin and body</b>	Generally not required.		
<b>Respiratory protection</b>	Use a NIOSH approved respirator when exposure guidelines are exceeded.		
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene practices.		

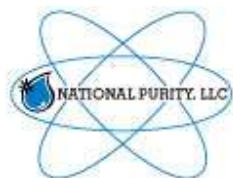
## 9. Physical and Chemical Properties

Information on basic physical and chemical properties	
<b>Appearance/form</b>	Clear liquid
<b>Color</b>	Blue
<b>Odor</b>	Lemon
<b>Odor threshold</b>	Not established
<b>pH</b>	10.6 (1 % solution)
<b>Melting/freezing point</b>	Not established
<b>Initial Boiling point</b>	Not established
<b>Flash point</b>	> 200° F. (93° C.)
<b>Evaporation rate</b>	< 1 (butyl acetate = 1)
<b>Flammability</b>	Not flammable
<b>Upper/lower flammability or Explosive limits</b>	Not applicable
<b>Vapor pressure</b>	Not established
<b>Vapor density</b>	Not established
<b>Specific gravity/density</b>	1.01-1.03
<b>Solubility in water</b>	Complete
<b>VOC</b>	< 1%
<b>% Volatile</b>	Approx. 78%

### Other Safety Information

## 10. Stability and Reactivity

<b>Reactivity</b>	
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Strong acids, alkalis, strong oxidizing agents.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon, and nitrogen.
<b>Hazardous polymerization</b>	Will not occur



## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
Alkyl(C10-C16) ether sulfate, sodium salt	Not available
Lauryl glucoside	Not available
Cocoamidopropyl betain	Not available
<b>Ingredients</b>	<b>LD50</b>
Alkyl(C10-C16) ether sulfate, sodium salt	> 2000 mg/kg (oral-rat), >2000 mg/kg (dermal rabbit)
Lauryl glucoside	> 2000 mg/kg (oral-rat),
Cocoamidopropyl betaine	2335 mg/kg (oral-rat), > 2000 mg/kg (dermal-rabbit)
<b>Eye</b>	May cause eye irritation.
<b>Skin</b>	Prolonged contact with concentrated product may cause dryness, irritation.
<b>Ingestion</b>	May be harmful if swallowed. May cause irritation of gastrointestinal tract.
<b>Inhalation</b>	May cause respiratory irritation of nose and throat.
<b>Sensitization</b>	Not known to be a sensitizer.
<b>Chronic effects of short and long Term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC or OSHA.
<b>Mutagenicity</b>	Non hazardous.
<b>Reproductive effects</b>	Non hazardous.
<b>Teratogenicity</b>	Non hazardous.

## 12. Ecological Information

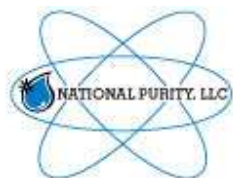
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<b>Eco-toxicity</b>	Ecological effects for this product have not been analyzed. However, if spilled this products ingredients are harmful to aquatic life and may have long lasting effects.
Alkyl(C10-C16) ether sulfate Sodium salt	EC50 Water flea: 2.33-4.81 mg/l 48 hours, LC50 Fish: 2.3 mg/l 96 hours
Lauryl glucoside	LC50 Carp: 300 mg/l 24 hours
Cocamidopropyl betaine	EC50 Crustacea: 1.9 mg/l 48 hours LC50 Fish: 0.7-7 mg/l 96 hours
<b>Environmental effects</b>	Not Available
<b>Aquatic toxicity</b>	Not Available
<b>Persistence and Degradability</b>	Not available
<b>Bioaccumulation/accumulation</b>	Not Available
<b>Partition coefficient</b>	Not Available
<b>Mobility in environmental media</b>	Not Available
<b>Chemical fate information</b>	Not Available
<b>Other adverse effects</b>	Not Available

## 13. Disposal Considerations

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<b>Waste codes</b>	Not Available
<b>Disposal instructions</b>	Dispose in accordance with local, state, and federal regulations
<b>Wastes from residues/unused product</b>	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
<b>Contaminated packaging</b>	Dispose in accordance with all applicable regulations.



## 14. Transport Information

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**Basic shipping requirements:** Not DOT regulated  
**Proper shipping name:**  
**Hazard class**  
**UN number**  
**Packing group**  
**Special provisions**  
**Packaging exceptions**

## 15. Regulatory Information

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**U.S federal regulations** This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012

**TSCA** All ingredients are listed on the Toxic Substances Control Act

**SARA Title III Section 311&312** Immediate (Acute) Health Hazard  
**SARA Title III Section 313** Alkyl(C10-C16) ether sulfate, sodium salt is subject to the reporting requirements of section 313 of Title III SARA.

**Warning**  
Proposition 65 This product contains trace amounts of chemicals known to the state of California to cause cancer : Ethylene oxide CAS#75-21-8 , 1-4 Dioxane CAS#123-91-1, ethanol CAS# 64-17-5.

<b>Inventory Status</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
<b>Countries</b>		
U.S.	CIL	Yes
Canada	DSL	Yes

- A "Yes" indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

## 16. Other Information

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### HMIS RATING

HMIS Legend

Severe	4	Health	1
Serious	3	Flammability	0
Moderate	2	Reactivity	0
Slight	1	Personal Protection	0
Minimal	0		



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**Disclaimer**

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Issue date**

February 5, 2015

**Supersedes date**

Previous issues

**Reason for update**

Conform to GHS OSHA HCS 2012

**Expiration date**

February 5, 2018