

# SAFETY DATA SHEET

## 1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

<b>1.1 Product identifier</b>	
Product Name	Uline Laundry Detergent Pacs
CAS No.	
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Laundry detergent unit dose
Uses advised against	None known.
<b>1.3 Details of the supplier of the product</b>	
Company Identification	Uline INC 12575 Uline Drive Pleasant Prairie, WI 53158
Telephone	1-800-295-5510
<b>1.4 Emergency Contact Information</b>	
Emergency telephone number	Chemtrec: US/Canada: 1-800-424-9300 International: 1-703-527-3887

## 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

OSHA: GHS 29 CFR 1910.1200

Acute toxicity oral Category 4  
Skin corrosion/irritation Category 2  
Eye damage/irritation Category 2A

### 2.2 Label elements

Hazard pictogram(s)



Signal word(s)

Hazard statement(s)

#### Warning

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation

Precautionary statement(s)

Avoid breathing dust/fume/gas/mist/vapors/spray.  
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.
Alcohols, C10-16, ethoxylated	30-50	68002-97-1
Dodecyl benzene sulfonic acid	8-15	68584-22-5
Glycerin	8-15	56-81-5
Sodium laureth sulfate	8-15	68891-38-3
Propylene glycol	3-10	57-55-6
Water	3-10	7732-18-5
Coconut acid	3-10	61788-47-4
Ethanolamine	3-10	141-43-5
Polyethyleneimine, alkoxylated	1-4	416546-12-1
Trisodium dicarboxymethyl alaninate	1-4	164462-16-2
Subtilisin	1-4	232-642-4
Amylase	1-4	9000-92-4
Fragrance (Coastal fresh)	<1	N/A
Mannanase	<1	37288-54-3
Dye (Blue)	<1	N/A
Hexyl cinnamal	<1	101-86-0
d-Limonene	<1	5989-27-5
Tetramethyl acetyloctahydronaphthalenes	<1	054464-57-2
Denatonium benzoate	<1	3734-33-6
Polyvinyl alcohol	<1	9002-89-5

#### 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.

<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>	Unlikely to be required but if necessary treat symptomatically.
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## 5. SECTION 5: FIRE-FIGHTING MEASURES

<b>5.1</b>	<b>Extinguishing Media</b>	
	Suitable Extinguishing Media	Water spray, foam, dry powder or CO2.
	Unsuitable Extinguishing Media	None known.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>	None anticipated.
<b>5.3</b>	<b>Advice for fire-fighters</b>	Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>	Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.
<b>6.2</b>	<b>Environmental precautions</b>	Do not release large quantities into the surface water or into drains.
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
<b>6.4</b>	<b>Reference to other sections</b>	See Also Section: 8, 13.

## 7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

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

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1</b>	<b>Control parameters</b>	
<b>8.1.1</b>	<b>Occupational Exposure Limits</b>	No applicable occupational exposure limits.

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

<b>8.1.2</b>	<b>Biological limit value</b>	Not established.
<b>8.1.3</b>	<b>PNECs and DNELs</b>	Not established.
<b>8.2</b>	<b>Exposure controls</b>	
<b>8.2.1</b>	<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>8.2.2</b>	<b>Personal protection equipment</b>	
	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). Wash contaminated clothing before reuse.

	Respiratory protection	Normally no personal respiratory protection is necessary.
8.2.3	Thermal hazards <b>Environmental Exposure Controls</b>	Not applicable. 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 in pack
Color	Blue
Odor	Fragranced (Coastal Fresh)
Odor Threshold	Not established
pH (1% solution)	7-9
Solubility	Soluble in water

### 9.2 Other information

None

## 10. SECTION 10: STABILITY AND REACTIVITY

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

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Ingredient(s)	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Sodium laureth sulfate	9004-82-4	>2 g/kg (rat)	2-5 g/kg (rabbit)	No data
Linear alkylbenzene sulfonic acid	68584-22-5	0.5-2 g/kg (rat)	>2 g/kg (rabbit)	No data
Coconut acid	61788-47-4	>2 g/kg (rat)	No data	No data

<b>Acute toxicity</b>	Harmful if swallowed.
<b>Irritation</b>	Causes serious eye irritation.
<b>Skin corrosivity</b>	Causes skin irritation.
<b>Sensitisation</b>	None anticipated.
<b>Repeated dose toxicity</b>	None anticipated.
<b>Carcinogenicity</b>	No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.
<b>Mutagenicity</b>	Not expected to be mutagenic in humans.
<b>Toxicity for reproduction</b>	Not expected to have other reproductive effects.
11.2 <b>Other information</b>	None.

## 12. SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Ingredient(s)	CAS No.	Fish	Crustacea
Sodium laureth sulfate	9004-82-4	96h EC50 = 2.3 mg/L	48h = 13 mg/L
Linear alkylbenzene sulfonic acid	68584-22-5	96h EC50 = 1.67 mg/L	48h = >2.4 mg/L
Coconut acid	61788-47-4	96h EC50 = 900 mg/L (Bluegill)	N/A

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

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	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.
<b>13.2 Additional Information</b>	Disposal should be in accordance with local, state or national legislation.

### 14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

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

### 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.2 GHS</b>	Created in accordance with the OSHA's implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
<b>15.3 US EPA - TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>	Not regulated.

### 16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

#### 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

**Please note:** Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. We warrant that this product conforms to our standard specification when released to the market and when used according to directions. To the best of our knowledge, the information contained herein is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with requisite caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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