



## Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: HanClean II  
Intended Use: Industrial Hand Sanitizer  
Distributor: Algonquin Products Company  
Dartmouth, MA 02748  
Telephone Number: (770) 578-4240  
Fax Number: (770) 578-4241  
Web Address: [www.algonquinproducts.com](http://www.algonquinproducts.com)

### 2. HAZARD IDENTIFICATION



Signal Word: Danger

#### Classification

Serious Eye Damage: Category 1

Skin Irritation: Category 2

#### Hazard Statements

Causes serious eye damage

Causes skin irritation

#### Precautionary Statements

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately seek medical attention.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

If skin irritation occurs, get medical attention.

IF SWALLOWED: Immediately call a Poison Center or Physician. Do not induce vomiting.

Collect spillage. Dispose of contents and container in accordance with local regulations.

### 3. COMPONENTS

Significant Ingredients	CAS #	Weight %
Benzalkonium Chloride	68391-01-5	< 5
Cocamidopropyl Betaine	61789-40-0	< 5
Cocamidopropylamine Oxide	68155-09-9	< 5
PEG-5 Cocamide	61791-08-0	< 5
Water	7732-18-5	> 80



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This soap contains other ingredients that do not affect the product's final classification because of their minimal concentration. See product label for full ingredient information.

### 4. FIRST AID MEASURES

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately seek medical attention.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

If skin irritation occurs, get medical attention.

IF SWALLOWED: Immediately call a Poison Center or Physician. Do not induce vomiting.

IF INHALED: Remove to fresh air; apply artificial respiration if necessary. Get medical attention.

### 5. FIRE-FIGHTING MEASURES

#### General Hazard

Under fire conditions substances can be released that require the need for self-contained breathing apparatus and chemical-protective clothing.

#### Fire-Fighting

Keep fire exposed containers cool with water spray. Separate unburning product from fire. Use carbon dioxide, foam, or dry chemical extinguishing media to put out fires.

#### Unusual Decomposition Products Under Fire Conditions

None

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Remove greatly contaminated clothing, including shoes and wash thoroughly after contact.

Laundry contaminated clothing before reuse.

#### Environmental Precautions

Prevent entry into natural waterways.

Rinse area with water to remove slip/fall hazard.

Dispose of contents and container in accordance with local regulations.

### 7. HANDLING AND STORAGE

#### Safe Handling and Storage

Store in a well ventilated place. Keep cool.

Keep containers inside and out of direct sunlight.

Exposure to extreme conditions may have an adverse affect on this product.

Do not reuse containers.

#### Incompatible Products

Avoid strong oxidizing and reducing agents.



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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

### Ventilation

Local exhaust is usually sufficient. General exhaust is preferred.

### Personal Protection

This product is designed to be used on skin.

Chemical gloves should be used when excessive handling would cause prolonged contact.

### Work Place Exposure Guide Lines

None established.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	> 200 °F
Specific Gravity (water = 1):	1.01
Vapor Pressure (mm Hg):	< 1
Melting Point:	Not Applicable
Vapor Density (Air = 1):	> 5
Evaporation Rate (butyl Acetate = 1):	< 0.1
Solubility in Water:	Soluble
Reactivity in Water:	NIL
Appearance and Odor:	Pale amber liquid with low odor
Flash Point:	> 200 °F
Flammable Limits (volume percent in air):	LEL: Not Established UEL: Not Established
Autoignition Temperature:	Not Established

## 10. STABILITY AND REACTIVITY

Stability:  Unstable  Stable

Conditions to Avoid: None

Incompatibility (Materials to avoid): Strong oxidizing and reducing agents.

Hazardous Decomposition Products: Combustion may produce oxides of carbon.

Hazardous Polymerization:  May Occur  Will Not Occur

Conditions to Avoid: Not Applicable

## 11. TOXICOLOGICAL INFORMATION

	Skin	Eye	Oral LD50	Other
Benzalkonium Chloride	Skin Cor 1B	Eye Dam 1	430 mg/kg	Ac Aq Tox 1, Chr Aq Tox 1
Cocoamidopropyl Betaine	Skin Ir 2	Eye Ir 2A	7900 mg/kg	Ac Aq Tox 2, Chr Aq Tox 3
Cocamidopropylamine Oxide	--	Eye Dam 2A	2335 mg/kg	Ac Aq Tox 2, Chr Aq Tox 3
PEG-5 Cocoamide	Skin Ir 2	Eye Dam 1	1720 – 2740mg/kg	Ac Aq Tox 2, Chr Aq Tox 2
Water	has no GHS classification			

### Symptoms Related to the Toxicological Characteristics

Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Permanent eye damage including blindness could result. Burning pain and severe corrosive skin irritation.



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This product is not expected to cause cancer. This product is not expected to cause skin sensitization. No data is available to indicate that any ingredient is mutagenic or genotoxic. This product is not expected to cause reproductive or developmental effects.

12. ECOLOGICAL INFORMATION

This product is damaging to the environment.  
It is toxic to aquatic life with long lasting effects.  
Please refer to Section 6 for accidental release information.

13. DISPOSAL CONSIDERATIONS

Drained empty packaging can be recycled or disposed with other solid waste.  
Unused product can be incinerated directly in appropriate equipment.

14. TRANSPORT INFORMATION

The DOT does not regulate this product for ground shipments.

15. REGULATORY INFORMATION

This product's label design and content follows the cosmetic labeling requirements of the Food and Drug Administration.

All components of this product are on the U.S. EPA TSCA Inventory List.

16. OTHER INFORMATION

This document was revised 02 April 2016

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