

# Safety Data Sheet

## SECTION 1 -- IDENTIFICATION

Name of the product: Antibacterial Liquid Hand Soap  
Date of Issue: October 10, 2024  
Date of Revision: N/A  
Manufactured by: Apollo Health and Beauty Care  
1 Apollo Place, Toronto, Ontario, Canada, M3J0H2.  
Telephone: 416-758-3700.

Identification:, 54646

Restriction of Use: No information available

Recommended Use: Hand Soap

Emergency Telephone: 416-758-3700



## SECTION 2 -- HAZARDS IDENTIFICATION

Classification SGH:

Eye Irritation: Category 2B

GHS Label Element : Hazard pictograms

Signal Word: Warning

Hazard statements: Causes eye irritation.

Precautionary Statements: IN CASE OF CONTACT WITH EYES: Rinse carefully with water for several minutes. Remove contact lenses, if they are present and easy to make. Continue rinsing. If eye irritation persists: Seek medical advice or attention.



HMIS Rating	
Health	1
Inflammability	0
Reactivity	0

## SECTION 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients: Specific chemical identities and exact percentages (concentrations) of composition have not been disclosed as a trade secret.

None of the ingredients are considered hazardous according to the criteria of 29CFR1910.1200 and DOT Reg 49 CFR 172. The ingredients are listed for informational purposes to assist emergency medical response personnel.

CAS No	Name of the Ingredient	Percentage (%w/w)
61789-71-7	Benzalkonium Chloride	0-1
61789-40-0	Cocamidopropyl Betaine	5-10
77-92-9	Citric Acid	0-1
56-81-5	Glycerol	1-5

## SECTION 4 -- FIRST AID MEASURES

**Eye Contact:** Rinse thoroughly with a steady, gentle stream of water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, Continue rinsing. If irritation persists, consult a physician.

**Skin contact:** Rinse with water.

**Inhalation:** Remove to gain fresh air. Seek medical attention if symptoms appear.

**Ingestion:** Call a poison control center or call a doctor immediately, for treatment advice. Ask the person to sip a glass of water if they are able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Notes to physician:** Treat Symptomatically.

## SECTION 5 -- FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Small fires: CO2 or dry chemical. Large fires: foam.
<b>Unsuitable extinguishing media:</b>	None Known.
<b>Specific hazards during firefighting:</b>	Not flammable or combustible.

## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

<b>Personal precautions :</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods and materials for containment and cleaning up:</b>	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
<b>Environmental Precautions:</b>	Dispose of waste according to local regulations. Do not discharge into drains, surface waters or groundwater.
<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8.

## SECTION 7 -- HANDLING AND STORAGE

<b>Handling Precautions :</b>	Handle in accordance with good industrial hygiene and safety practices.
<b>Storage Precautions:</b>	Store in accordance with federal, state and local regulations. Store in a cool dry well ventilated area. Do not store together with oxidizing agents.

## SECTION 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

No special protection or precautions have been identified for using this product under directed consumer use conditions. The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large-scale or prolonged exposure.

<b>Hygienic Practices:</b>	Avoid direct eye and skin contact. If irritation occurs, flush thoroughly with water. When product is applied to a floor surface, signage should be used to indicate slippery areas until they are dry.
<b>Engineering Controls:</b>	Use general ventilation to minimize exposure to mist. Eyewash station is suggested.
<b>Personal Protective Equipment:</b>	Not normally required. If contact is likely for prolonged or repeated contact, eye and hand protection is recommended.

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Viscous, colorless to pale purple	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	0.98 – 1.05	<b>Solubility</b>	No data available	<b>Vapor Density (Air=1)</b>	No data available
<b>Odor</b>	Fruity	<b>VOC Content (%Wt)</b>	0.00% (0.000 lbs/gallon)	<b>Freezing Point</b>	No data available	<b>Vapor Pressure (mmHg)</b>	No data available
<b>pH</b>	4.75 – 5.75	<b>Boiling Point</b>	No data available	<b>Evaporation Rate (Butyl Acetate=1)</b>	No data available		

## SECTION 10 -- STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable
<b>Incompatibility</b>	No data available.
<b>Dangerous decomposition</b>	None
<b>Polymerization</b>	None
<b>Conditions to avoid</b>	Not applicable

## SECTION 11 -- TOXICOLOGICAL DATA

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS, OSHA 29 CFR 1910.1000, SUBPART Z, OR THE IARC MONOGRAPHS..

<b>Acute Toxicity</b>	<b>Oral (LD50) (rat)</b>	No information available	<b>Eye Contact</b>	Irritating to the eyes
	<b>Acute Skin, Rabbit</b>	No information available	<b>Skin Contact</b>	May cause irritation
	<b>Inhalation</b>	No information available	<b>Ingestion</b>	No hazard from product as supplied. Ingestion may cause irritation to mucous membranes
<b>Chemical Name</b>	<b>Oral LD50 (rat)</b>	<b>Dermal LD50 (rabbit)</b>	<b>Inhalation LC50 (rat)</b>	
Benzalkonium Chloride (61789-71-7)	=240 mg/kg (Rat)	= 1420 mg/kg ( Rat )	-----	
Glycerol (CAS-56-81-5)	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 2.75 mg/L ( Rat ) 4 h	
Cocamidopropyl Betaine (61789-40-0)	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-	
<b>Delayed and immediate effects as well as chronic effects resulting from short- and long-term exposure</b>				
<b>Information on Toxicological effects</b> <b>Symptoms</b> Erythema (skin redness). Burning. May cause redness and tearing of the eyes.				
<b>Sensitization</b>	No information available	<b>Germ cell mutagenicity</b>	No information available	
<b>Carcinogenicity</b>	Contains no ingredients listed as carcinogenic	<b>Reproductive Toxicity</b>	No information available	
<b>Skin corrosion/irritation</b>	No information available	<b>Serious eye damage/eye irritation</b>	No information available	
<b>STOT</b>	<b>Unique exhibition</b>	No information available		
	<b>Single exposure</b>	No information available	<b>Repeated exposure</b>	No information available
	<b>Chronic toxicity</b>	No known effect based on information supplied. Carcinogenic potential is unknown.		
	<b>Target Organ Effects</b>	Eyes		
<b>STOT-SE</b>	Specific target organ toxicity - single exposure			
<b>Aspiration Hazard</b>	No information available			

## SECTION 12 -- ECOLOGICAL INFORMATION

<b>TOXICITY</b>	<b>Environmental Effects</b>	No information available		
	<b>Toxicity to fish</b>	No information available		
	<b>Toxicity to daphnia and other aquatic invertebrates</b>	No information available		
	<b>Toxicity to algae</b>	No information available		
<b>Chemical name</b>	<b>Algae/aquatic plants</b>	<b>Fish</b>	<b>Toxicity to microorganisms</b>	<b>Daphnia Magna (Water Flea)</b>
Benzalkonium Chloride	No information	LC50:Lepomis macrochirus 0.223 - 0.46 mg/L 96 h LC50:Oncorhynchus mykiss 0.823 - 1.61 mg/L 96 h LC50:Poecilia reticulata 1.3 mg/L 96 h LC50:Oryzias latipes 2.4 mg/L 96 h	No information available	EC50 : Daphnia magna
Glycerin	N/A	96 h LC50: 51 – 57 mL/L (Oncorhynchus mykiss)	N/A	24h EC50: >500 mg/L
Citric Acid	N/A	LC50: 1516 mg/L (96 h static)Lepomis macrochirus	N/A	EC50: 120 mg/L (72 h) Daphnia magna

## SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste treatment methods	
Waste residues/unused products	Must not be released to the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental regulations.
Contaminated packaging	Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations. Dispose of wastes in an approved waste disposal facility.
California Waste Code	561

## SECTION 14 -- TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.	
Land Transport (TDG)	Not dangerous goods.
Transport maritime (IMDG/OMI)	Not dangerous goods.
DOT	Not Regulated

## SECTION 15 -- REGULATORY INFORMATION

TSCA:	TSCA Inventory: All components are listed. TSCA Health and Safety Reporting List: None of the components are listed. TSCA Chemical Test Rules: None of the components are listed. TSCA Section 12b: None of the components are listed. TSCA Significant New Use Rule: None of the components has a Significant New Use Rules (SNUR).
CERCLA:	No RQ was assigned to silver compounds. See 50FR13456 (April 4, 1985).
ARA 302/304:	None of the components has a RQ or a TPQ.
SARA 311/312:	None of the components are reportable.
Clean Air:	None of the components are a Hazardous Air Pollutant, Class 1 Ozone Depletor, or Class 2 Ozone Depletor.
Clean Water Act:	None of the components are a Hazardous Substance, Priority Pollutant, or Toxic Pollutant.
OSHA:	None of the components are considered hazardous.
DSL/NDSL	Complies

## SECTION 16 -- OTHER INFORMATION

Disclaimer- The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief as of the date of publication. The information provided is only intended to serve as guidance for safe handling, use, processing, storage, transport, disposal and release. should not be taken as a guarantee or specification of quality. The information relates only to the specific material designated and may not be valid for that material used in combination with other materials or in any process, unless otherwise specified in the text.
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