



## Safety Data Sheet

Effective date: 09 June 2020  
Revisions: 1

### Section 1. Identification

**Product name:** Arm & Hammer® Hand Soap – All Variants

**Recommended uses:** Hand cleanser

**Manufacturer:**

A.P. Deauville, LLC  
594 Jersey Avenue, Suite C  
New Brunswick, NJ 0801  
USA

**Telephone:** 732-545-0200

**FAX:** 732-545-0111

**E-mail:** [aefremoff@apdeauville.com](mailto:aefremoff@apdeauville.com)

**Emergency:** 800-535-5053 (24hrs)

### Section 2. Hazards Identification

This substance has been classified as an eye irritant, category 2B as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

**GHS Label elements, including precautionary statements**

**Emergency Overview:**

<b>Eye irritant</b>	<b>Signal word:</b> Warning	<b>Category 2B</b>	Causes eye irritation
<b>Appearance:</b> Clear, colorless	<b>Physical state:</b> Liquid	<b>Odor:</b> Typical of Fragrance	

### Precautionary Statements/Warnings

#### Prevention

Do not use in eye area. Refer to directions for use on package.

#### Response

Eyes. If product gets in the eyes, flush with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Continue to flush with water. If irritation persists, seek medical attention.

#### Hazards not otherwise classified

None

#### Interactions with other chemicals

None known

### Section 3. Composition/Information on Ingredients

Chemical Name	CAS#	%w/w
Sodium Laureth Sulfate	9004-82-4	4.5-9.5
Cocamidopropyl Betain	61789-40-0	0.5-3.0
Lauryl Glucoside	110615-47-9	0.5 – 1.5
Cocamide MEA	68140-00-1	0.1-1.0
Sodium Chloride	7647-14-5	1-3

## Section 4. First Aid Measures

**Eye contact:** Rinse eye with plenty of water. If person is wearing contact lenses, remove lenses if possible. Rinse with water under the eyelids. If irritation persist, get medical attention.

**Skin contact:** Rinse with plenty of water. If irritation, redness, swelling, or other signs of allergic reaction develops, see a physician.

**Inhalation:** Not an expected route of exposure. If an adverse reaction occurs, move the person to fresh air or a well-ventilated area. Consult a physician if symptoms do not immediately improve as this may be an indication of a more serious condition.

**Ingestion:** Encourage the person to rinse the mouth with water and to drink plenty of water. Do not induce vomiting. If abdominal discomfort persists, see a physician.

## Section 5. Fire-Fighting Measures

### Suitable Extinguishing Media

Use a fine water spray, CO<sub>2</sub> extinguisher or dry chemical extinguisher.

### Unsuitable Extinguishing Media

Use of strong water spray may be inefficient and may cause the fire to spread.

### Specific Hazards Arising From the Mixture

No information available.

### Hazardous Combustion Products

Carbon oxides, particulate matter consisting of various components of the mixture. These may be irritating and/or toxic.

### Explosion Data:

Sensitivity to static discharge: None

Sensitivity to mechanical impact: None

### Protective Equipment and Precautions for fire-fighters

Wear self-contained breathing apparatus and full protective gear.

## 6. Accidental Release Measures

### Personal precautions, protective equipment, and emergency procedures

For small spills, no special precautions, equipment, or procedures are required.

For large industrial spills, wear protective gear such as goggles, gloves and waterproof boots.

### Environmental precautions

Small amounts of spilled material can be disposed of in regular garbage. Use an absorbent inert material, then rinse the area with water.

Prevent large industrial spills from entering waterways.

#### **Methods and materials for containment and cleaning up**

Block all drainage routes such as floor drains, storm sewers, and open doorways. Dispose of large spills in drums or other large containers that can be sealed.

## **Section 7. Handling and Storage**

#### **Precautions for safe handling**

No special precautions are needed for handling of the product in its final packaging.

For workers who are handling the finished product in bulk, safety glasses and gloves should be worn.

#### **Conditions for safe storage, including any incompatibilities**

Storage of the finished product in its final packaging should be in a dry place at temperatures between 40 and 80°F. Freeze/thaw studies have shown this product to be stable, however it is not recommended to subject this product to long periods of freezing.

## **Section 8. Exposure Controls/Personal Protection**

#### **Control parameters**

This product as supplied does not contain any hazardous materials with occupational exposure limits.

#### **Appropriate engineering Controls**

Eyewash stations

Showers

Ventilation systems

#### **Individual protection measures such as personal protective equipment (PPE)**

No special equipment needed under normal use conditions.

## **Section 9. Physical and Chemical Properties**

Appearance: Clear or opaque viscous liquid

Color: Various

Odor: Typical of fragrance

pH: 6.0

Melting/Freezing point: Not available

Boiling point/boiling range: Not available

Flash point: Not available

Evaporation rate: Not available

Upper/Lower flammability limits: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: 1.03 gr/cm<sup>3</sup> @ 25°C

Solubility: Soluble to mostly soluble in water

Partition co-efficient: n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: 5000 centipoise

## Section 10. Stability and Reactivity

### Reactivity

None under recommended use and storage conditions.

### Chemical stability

Stable under recommended storage and use conditions.

### Possibility of hazardous reactions

None under normal processing and recommended storage conditions

### Hazardous polymerization

Does not occur

### Conditions to avoid

Avoid temperatures in excess of 60°C/140°F

### Incompatible materials

Strong acids, bases, and strong oxidizing agents

### Hazardous decomposition products

Carbon oxides

## Section 11. Toxicological Information

### Acute Toxicity:

Oral toxicity – Not toxic based on components

#### Data for components:

Sodium Laureth Sulfate: LD50 (oral, rat)>2000mg/kg

Cocamidopropyl betaine: LD50 (oral, rat)>5000 mg/kg

Lauryl Glucoside: LD50 (oral, rat)>5000mg/kg

Sodium Chloride LD50(oral, rat)=3g/kg

Dermal toxicity – Not toxic based on components

#### Data for components:

Sodium Laureth Sulfate: LD50(dermal, rat)>2000mg/kg

Cocamidopropyl Betaine: LD50(dermal, rabbit)>2000 mg/kg

Lauryl Glucoside: LD50(dermal, rat)>5000mg/kg

Inhalation toxicity - Not toxic, not an expected route of exposure

### Eye Irritation

Eye irritant –eye irritation can occur.

Classification: Category 2B

### Dermal Irritation

No irritation expected based on components

**Respiratory or Skin Sensitization**

There is no evidence of respiratory or skin sensitization based on components.

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

Does not contain any known carcinogens.

**Reproductive toxicity**

No data available

**STOT-single exposure**

No data available

**STOT – repeated exposure**

No data available

**Aspiration Hazard**

No data available

## Section 12. Ecological Information

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

**Aquatic toxicity of components**

Sodium laureth sulfate:

Daphnia magna, EC50 (48 h)=12.5mg/L

Cocamidopropyl betaine:

Brachydanio rerio, LC50(96h)=1.0 – 10.0 mg/L, LC50 (96h semi-static)=2 mg/L

Daphnia magna, LC50 (48h)=6.5 mg/L

Lauryl Glucoside:

Brachydanio rerio, LC50(96h static)=6 – 198mg/L

Daphnia magna, EC50(48h static, immobilization)=14 -294mg/L

Desmodesmus suspicatus (green algae), growth rate inhibition, 72h=20 – 189mg/L

Sodium Chloride:

Lepomis macrochirus, LC50 (96h flow-thru)=5560-6080 mb/L

Lepomis macrochirus, LC50 (96h static)=12946 mg/L

Pimephales promelas, LC50(96h static)=6020-7070 mg/L

Pimephales promelas, LC50(96h semi-static)=7050 mg/L

Oncorhynchus mykiss, LC50(96h flow-thru)=4747-7824 mg/L

Daphnia magna, EC50(48h static)=340.7-469.2 mg/L

Daphnia magna, EC50(48h)=1000mg/L

**Persistence and Degradability**

Degradable based on components

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Section 13. Disposal Considerations**

This is not a hazardous waste according to 40 CFR 261. It may be disposed of in regular household garbage.

The packaging is HDPE. This may be recycled in areas where recycling is available. Consult local recycling authorities for proper disposal.

California Hazardous Waste Codes: 561

**Section 14. Transport Information**

DOT	Not regulated
IMDG	Not regulated
ICAO/IATA	Not regulated

**Section 15. Regulatory Information**

TSCA: Exempt

DSL: All components are listed either on the DSL or NDSL

CERCLA (40CFR 302)/SARA (40 CFR 355) Hazardous Substances: None

SARA 313 Emissions Reporting: None

Clean Water Act (40CFR 122.21 and 122.42): None

Clean Air Act (40CFR 61): None

CA Proposition 65: No reportable ingredients

**Section 16. Other Information****Abbreviations:**

CERCLA=Comprehensive Environmental Response and Liability Act

DOT=Department of Transportation

IATA=International Air Traffic Association

ICAO=International Civil Aviation Organization

IMDG=International Maritime Dangerous Goods

SARA=Superfund Amendments and Authorization Act

STOT=Specific Target Organ Systemic Toxicity

TSCA=Toxic Substances Control Act

National Fire Prevention (NFPA) ratings:

HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 PHYSICAL AND CHEMICAL HAZARDS N/A

Prepared by:  
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This Safety Data Sheet replaces all previous Material Safety Data Sheets

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