Safety Data Sheet

Effective date: 24 March 2020
Revisions: 0

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
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:

Eye irritant	**Signal word:** Warning	Category 2B	Causes eye irritation
Appearance: Clear, colorless	**Physical state:** Liquid		**Odor:** 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	13150-00-1	6-12
Cocamidopropyl Betain	9862-59-4	0.5-3.0
Lauryl Glucoside	110615-47-9	0.5 – 1.5
Cocamide MEA	6814-00-1	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, CO2 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 80ºF. 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/cm3 @ 25ºC
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 60ºC/140ºF
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

Persistance 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 Aluthorization 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:
R&D Department
A.P. Deauville, LLC
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This Safety Data Sheet replaces all previous Material Safety Data Sheets

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