



World Class Cleaning & Hygiene Solutions™

# NATIONAL CHEMICAL LABORATORIES, INC.

## SAFETY DATA SHEET

### Section 1 - Identification

**Product Identifier** Afia™ Foaming E2 Sanitizing Hand Cleaner  
**Other means of identification** 0448  
**Recommended use** Handwashing and sanitizing product.  
**Recommended restrictions** For commercial and industrial dispense only. This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

#### Manufacturer / Importer / Supplier / Distributor Information

**Company Name** National Chemical Laboratories of PA, Inc.  
**Address** 401 N. 10th Street - Philadelphia, PA 19123  
**Telephone** 1 (215) 922-1200  
**Supplier Email** info@nclonline.com  
**Contact** CHEM-TEL  
**Emergency Phone** 1 (800) 255-3924

### Section 2 - Hazard(s) Identification

	Classification	Category
<b>Physical Hazards</b>	Not Classified	
<b>Health Hazards</b>	Causes Eye Irritation	2B
<b>OSHA defined hazards</b>	Not Classified.	

#### Label Elements

##### Hazard Symbol



**Signal Word** Warning  
**Hazard Statement** Causes eye irritation.

#### Precautionary statement

**Prevention** Observe good industrial hygiene practices. For external use only. Avoid contact with eyes.  
**Response** 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 advice/attention.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Hazard(s) not otherwise classified (HNOC)** Not classified.

### Section 3 - Composition/Information on ingredients

#### Mixture

Hazardous Components	Ingredient Name	CAS #	%
	Cocoamido Propyl Betaine	61789-40-0	0.5 - 5
	Cocamidopropyl Amine Oxide	68155-09-9	0.5 - 5
	Benzalkonium Chloride	8001-54-5	0.05 - 0.2

**Composition Comments** Components not listed are either non-hazardous or are below reportable limits.

### Section 4 - First-aid Measures

**Inhalation** If symptomatic, move to fresh air. Get medical attention if symptoms persist.  
**Skin contact** Wash skin with water. Get medical attention if irritation persists.  
**Eye contact** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation persists.  
**Ingestion** If you feel unwell, seek medical advice (show the label where possible).  
**Most important symptoms or effects, acute and delayed** Causes eye irritation.

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## Indication of immediate medical attention and special treatment needed

Treat symptomatically.

## General Information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	None known.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.
<b>Specific Methods</b>	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	No special measures required.
<b>Methods and materials for containment and cleaning up</b>	Absorb with inert material. Use a water rinse for final clean-up.
<b>Environmental precautions</b>	Avoid contact of large amounts of spilled material runoff with soil and surface waterways.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Wash hands after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Keep container tightly closed. Store between 32 to 122 degrees F.

## Section 8 - Exposure control/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Good general ventilation should be sufficient to control workers exposure to airborne contamination.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Eye protection should be used when splashing may occur.
<b>Skin protection</b>	
<b>Hand protection</b>	No protective equipment is needed under normal use.

## Section 9 - Physical and chemical properties

<b>Appearance</b>	Amber Liquid
<b>Physical state</b>	Liquid.
<b>Color</b>	Amber.
<b>Odor</b>	Mild, bland.
<b>Odor threshold</b>	No data available
<b>pH</b>	7.4 ± 0.3
<b>Melting point/freezing point</b>	n/a
<b>Initial boiling point and boiling range</b>	N/A
<b>Flash point</b>	N/A
<b>Evaporation rate</b>	<1
<b>Flammability (solid, gas)</b>	No data available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	N/A
<b>Vapor density</b>	N/A
<b>Relative density</b>	No data available

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Solubilities (water)	No data available
Partition Coefficient n-octanol/water	No data available
Auto-ignition temperature	N/A
Decomposition temperature	No data available
Viscosity	N/A

## Section 10 - Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	None known
Incompatible materials	None known
Hazardous Decomposition Products	Carbon oxides

## Section 11 - Toxicological information

### Information on likely routes of exposure

Ingestion	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use.
Skin contact	Health injuries are not known or expected under normal use.
Eye contact	Causes eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**  
Eye contact may cause irritation with redness and irritation.

### Information on toxicological effects.

**Acute toxicity**  
Oral estimate: >5,000 mg/kg  
Dermal estimate: >5,000 mg/kg  
Inhalation: No data available

Components	Level	Type	Code	Species	Results
Cocoamido Propyl Betaine (CAS 61789-40-0)	Acute	Oral	LD50	Rat	4900 mg/kg

**Skin corrosion/irritation** No data available

**Serious eye damage/ eye irritation** Mild eye irritation

**Respiratory sensitization** No data available.

**Skin sensitization** No data available.

**Carcinogenicity** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen.

## Section 12 - Ecological Information

**Ecotoxicity** Data is not available

**Bioaccumulative potential**

**Other adverse effects** The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

## Section 13 - Disposal considerations

**Disposal instructions** The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

**Local disposal regulations** Dispose of in accordance with local regulations.

**Contaminated packaging** Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

## Section 14 - Transport information

**DOT** Not regulated as dangerous goods.

**IATA** Not regulated as dangerous goods.

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IMDG Not regulated as dangerous goods.  
 Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) Not regulated.  
 US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not on regulatory list.  
 CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard Categories</b>	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>		No.
<b>SARA 311/312 Hazardous chemical</b>		Yes

SARA 313 (TRI reporting) Not regulated.

**Other federal regulations**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Drug Enforcement Administration (DEA), List 1 2	Not regulated.
Exempt Chemical Mixtures (21 CFR 1310.12(c))	
DEA Exempt Chemical Mixtures Code Number	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Regulated.

**US state regulations**

US.Massachusetts RTK - Substance List	Not regulated.
US.New Jersey Worker and Community Right-to-Know Act	Not listed.
US.Pennsylvania RTK - Hazardous Substances	Not listed.
US.Rhode Island RTK	Not regulated.
US - California Proposition 65	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to expose you to any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCs)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

<b>Revision date</b>	4/11/2024							
<b>Version #</b>	04							
<b>References</b>	HSDB® - Hazardous Substances Data Bank HPVIS - High Production Volume Information System							
<b>HMIS Hazard Codes</b>	Health	1	Flammability	0	Physical Hazard	0	PPE	0

## ***SAFETY DATA SHEET***

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### **Disclaimer**

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.