Section 1 - Identification

Product Identifier
Afia Anti-Bacterial Foaming Hand Cleaner

Other means of identification
0446

Recommended use
Hand Soap.

Recommended restrictions
For commercial and industrial dispence only. This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

Company Name
National Chemical Laboratories of PA, Inc.

Section 2 - Hazard(s) Identification

Physical Hazards
Classification: Not Classified

Health Hazards
Serious eye damage/eye irritation 2B

OSHA defined hazards
Not Classified.

Hazard Symbol
None.

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)
None known.

Section 3 - Composition/Information on ingredients

Mixture
Ingredient Name

Surfactant blend
Proprietary

Chloroxylenol
88-04-0 0.1 - 1

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/effects, acute and delayed
Causes eye irritation.

Indication of immediate medical attention and special treatment
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
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Suitable extinguishing media
Water spray, fog, CO2, dry chemical, or alcohol resistant foam.

Unsuitable extinguishing media
Not Known.

Specific hazards arising from the chemical
None known.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment /instructions
Move containers from fire area if you can do it without risk.

General fire hazards
No unusual fire or explosion hazards noted.

Specific Methods
Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.
Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.

Methods and materials for containment and cleaning up
SMALL SPILLAGE: Absorb spillage with suitable absorbent material.
LARGE SPILLAGE: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.

Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling
Avoid contact with eyes. Use Personal Protective Equipment recommended in section 8 of the SDS.

Conditions for safe storage, including any incompatibilities
Store away from incompatible materials. Keep container closed.

Section 8 - Exposure control/personal protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
Use personal protective equipment as required. Keep working clothes separately.

Appropriate engineering controls
Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.

Individual protection measures, such as personal protective equipment

Eye/face protection
If use of product risks exposure to contact, wear safety glasses with side shields.

Skin protection

Hand protection
Impervious gloves are recommended for prolonged use.

Other
If use of product risk exposure to contact, wear suitable protective clothing.

Respiratory protection
In case of inadequate ventilation, use respiratory protection.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and chemical properties

Appearance
Physical state
Liquid.

Form
Clear, thin liquid.

Color
Yellow-Green.

Odor
Fruity.

Odor threshold
Not available.

pH
6.3 ± 0.3

Melting point/freezing point
Not available.

Initial boiling point and boiling range
212 °F (100 °C)

Flash point
> 212.0 °F (> 100.0 °C)

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.
Section 10 - Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable at normal conditions.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to Avoid
Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous Decomposition
Carbon Oxides

Section 11 - Toxicological information

Information on likely routes of exposure

Inhalation
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact
Prolonged or repeated contact may dry skin and cause irritation.

Eye contact
Causes eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact may cause irritation with redness, tearing and pain.

Information on toxicological effects

Acute toxicity
Not expected to be hazardous.

Skin corrosion/irritation
Prolonged or repeated contact may dry skin and cause irritation.

Serious eye damage/ eye irritation
Causes eye irritation.

Respiratory sensitization
Not classified.

Skin sensitization
Not classified.

Germ cell mutagenicity
Not classified.

Carcinogenicity
Not classified.

Reproductive toxicity
Not classified.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
Not available.

Section 12 - Ecological Information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product contains a substance which is toxic to aquatic organisms.

Component(s)
Chloroxylenol, 88-04-0

Aquatic
Level Type Code Species Test Results
Acute Crustacea EC50 Water flea (Daphnia magna) 2 mg/l, 24 hours

Persistence and degradability
The product is expected to be biodegradable.

Bioaccumulative potential
Not known.

Partition coefficient n-octanol / water log (Kow)
Components Results
Chloroxylenol (CAS 88-04-0) 2.8

Mobility in soil
No data available.
Section 13 - Disposal considerations

Disposal instructions: Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations: Dispose in accordance with local regulations.
Hazardous waste code: Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products: Dispose in accordance with all applicable regulations.
Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.
Transportation in bulk: This substance/mixture is not intended to be transported in bulk.

Section 15 - Regulatory Information

US federal regulations: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.


Superfund Amendments and Reauthorization Act of 1986 (SARA)
SARA 302 Extremely hazardous substance: No.
SARA 311/312 Hazardous chemical: Yes.
SARA 313 (TRI reporting): Not regulated.

Other federal regulations:
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List: Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): 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 contain any chemicals currently listed as carcinogens or reproductive toxins.

International inventories:

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<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On Inventory (yes/no)*</th>
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<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
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<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
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<td>Canada</td>
<td>Non-Domestic Substances List (NDLS)</td>
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<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
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<td>Existing Chemicals List (ECL)</td>
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<tr>
<td>United States</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
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* 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**

<table>
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<tr>
<th>Revision date</th>
<th>1/17/2018</th>
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