



EARTH SENSE CERTIFIED GREEN

Liquid Hand Cleaner

DESCRIPTION

Afia™ EARTH SENSE CERTIFIED GREEN Liquid Hand Cleaner is an environmentally responsible, "certified green" liquid hand cleaner made with no added dyes or fragrance, no phosphates or nonylphenol ethoxylate surfactants. Earth Sense® CERTIFIED GREEN LIQUID HAND CLEANER is formulated with no VOC's, no silicates, no chelating agents or caustics and is completely biodegradable. Used with the Afia™ Hand Cleaner Dispenser, this product creates a rich lather that leaves hands clean, fresh and is gentle to even sensitive skin. Designed for maximum efficiency, Earth Sense® CERTIFIED GREEN LIQUID HAND CLEANER reduces overall amount of product that is recycled to the environment. Use Earth Sense® CERTIFIED GREEN LIQUID HAND CLEANER in: Schools, Universities, Institutions and Office Buildings. This environmentally responsible formulation meets the Green Seal Standard GS-41 for Institutional Hand Cleaners and has been "certified" by Green Seal.

PRODUCT FEATURES / BENEFITS

- Environmentally Responsible / Ingredients are completely biodegradable
- Rich liquid / Spreads easily and dries quickly.
- Made with no harsh solvents or skin irritants / Safer for building guests

DIRECTIONS FOR USE

ADDING PRODUCT TO THE DISPENSER

Ensure the dispenser has the Afia Liquid Pump installed.

1. Push valve end of bag down onto the pump assembly. (figure 1).
2. Press down on the plastic connector until the bag is fully pressed down and the pump is inserted completely into the pouch (see figure 2).
3. If needed, gently tuck the corners of the bag to ensure complete closure of dispenser cover.
4. Frequent hand washing is one of the simplest and most effective ways to maintain health. EARTH SENSE CERTIFIED GREEN Liquid Hand Cleaner will leave hands clean and fresh.

Dispense product into palm of hand. Lather and scrub for 20 seconds. Rinse with clean water.

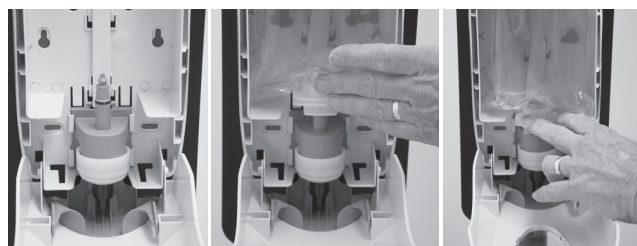


Figure 1

Figure 2

SPECIFICATIONS

Appearance Viscous Liquid
Color clear, Colorless
Fragrance Slight, detergent like
Specific Gravity (g/cc) 1.04 ± 0.01
Density (lbs/gal) 8.7 ± 0.1
Flash Point None
pH 7.0 ± 0.5

Biodegradable Readily
Environmentally Responsible Yes
Added Dyes or Fragrance None
Nonylphenol Ethoxylates None
Phosphates None
Caustics None
VOC's None
Shelf Life 1 year minimum in original unopened container

SAFETY INFORMATION

KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local authority requirements.

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.

Additional safety measures:

Read the entire label and SDS before using this product, and for additional first-aid measures. SDS for this product is available on the web at www.nclonline.com



HAND CARE



This product meets Green Seal™ Standard GS-41A based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123
1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517
www.nclonline.com • e-mail: info@nclonline.com



TDS-0449-0916

SAFETY DATA SHEET

Section 1 - Identification

Product Identifier Afia Earth Sense® Certified Green Liquid Hand Cleaner
Other means of identification 0449
Recommended use Hand soap.
Recommended restrictions For commercial and industrial use only.

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
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol	None.	
Signal Word	None	
Hazard Statement	The mixture does not meet the criteria for classification.	
Precautionary statement		
Prevention	Observe good industrial hygiene practices.	
Response	Wash hands after handling.	
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 Components not listed are either non-hazardous or are below reportable limits.

Section 4 - First-aid Measures

Inhalation Move to fresh air. Get medical attention if irritation persists.
Skin contact Wash off with water. Get medical attention if irritation persists.
Eye contact Rinse with water. Get medical attention if irritation persists.
Ingestion Rinse mouth. Get medical attention if irritation persists.
Most Important symptoms /effects, acute and delayed Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General Information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SAFETY DATA SHEET

Fire-fighting equipment /instructions	Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.
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.	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: 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	Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

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).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate resistant gloves for prolonged use. Applicable for industrial settings only.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required.
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	Clear, colorless liquid.
Physical state	Liquid.
Form	Viscous Liquid.
Color	Clear, colorless
Odor	Slight, detergent like.
Odor threshold	Not available.
pH	7.0 ± 0.5
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.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.04 ± 0.01

SAFETY DATA SHEET

Relative density temperature	75 °F (23.89 °C)
Solubilities	100 % Soluble.
Partition Coefficient n-octanol/water	Not available.
Auto-ignition temperature	Not Available.
Decomposition temperature	Not Available.
Viscosity	2000 cSt
Viscosity Temperature	75 °F (23.89 °C)

Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects.

Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Prolonged inhalation may be harmful.

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.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 - Disposal considerations

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of 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.

SAFETY DATA SHEET

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 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 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.	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)		Not regulated.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)		Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
Hazard Categories	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance		Not listed.
SARA 311/312 Hazardous chemical		No
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.
Safe Drinking Water Act (SDWA)	Not regulated.	
Food and Drug Administration (FDA)	Not 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

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)	Yes
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	Yes
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

Issue date	1/28/2015
Version #	01
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.

Earth Sense® Certified Green
Liquid Hand Cleaner

afta
skin care solutions™

1000ml (33.8 fl. oz.)
Product #N449

181000-0001-0449-011

DIRECTIONS FOR USE: Dispense product into palm of hand, rub palm and scrub for 20 seconds. Rinse with clean water.

KEEP OUT OF THE REACH OF CHILDREN.


Precautionary statement: Observe good industrial hygiene practices.

Response: Wash hands after handling **Storage:** Store away from incompatible materials. **Disposal:** Dispose of waste and residues in accordance with local authority requirements.

CONTAINS: This product contains no reportable hazardous ingredients.

National Chemical Laboratories, Inc.
401 N. 10th Street
Minneapolis, PA 19123

This product meets Green Seal® Standard GS-41A based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org

 7 526107 70449

INSTRUCCIONES DE USO: Distribuir el producto en la palma de la mano. Escurrir y masajear durante 20 segundos. Enjuague con agua limpia.

Consejos de prudencia:

Prevenir: Mantenga buenas prácticas de higiene industrial.

Respostar: Lávase las manos después de manipular.

Almacenamiento: Conservar alejado de materiales incompatibles. Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

Earth Sense® Certified Green
Liquid Hand Cleaner



1000mL (33.8 fl. oz.)
Product #0449

1B71000-0001-0449-011

DIRECTIONS FOR USE. Dispense product into palm of hand. Lather and scrub for 20 seconds. Rinse with clean water.

KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement
Observe good industrial hygiene practices.

Disposal Wash hands after handling. Storage: Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.

CONTAINS: This product contains no reportable hazardous ingredients.


Almacenamiento: Conservarse alejado de materiales incompatibles. Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

Prevenición: Mantenga buenas prácticas de higiene industrial. Consigne de prudencia

MAINTENIR EN LA ALCAÑE DE LOS NIÑOS.

INSTRUCCIONES DE USO. Distribuir el producto en la palma de la mano. Espumar y motorarse durante 20 segundos. Enjuague con agua limpia.

Green Seal® Standard SS-4-1A based and human & environmental toxicity. GreenSeal® and protective limits on VOCs

 7 5261070449

401 N. 10th Street
Philadelphia, PA 19123
National Chemical Laboratories, Inc.

Earth Sense® Certified Green
Liquid Hand Cleaner

afta
TM
skin-care cosLetics

1000ml (33.8 fl. oz.)
Product #N449

LB1000-0001-0449-01

DIRECTIONS FOR USE: Dispense product into palm of hand. Rub latex and scrub for 20 seconds. Rinse with clean water.

KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement


Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling **Storage:** Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.

CONTAINS: This product contains no reportable hazardous ingredients.

National Chemical Laboratories, Inc.
401 N. 10th Street
Phoenix, AZ 19123

This product meets Green Seal® Standard SS-4-1A based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org

 7 926107 70449

INSTRUCCIONES DE USO: Distribuir el producto en la palma de la mano. Escurrir y masajear durante 20 segundos. Enjuague con agua limpia.

Consejos de prudencia

MAINTENEFER FUERA DEL ALCANCE DE LOS NIÑOS.

Prevenición: Mantenga buenas prácticas de higiene industrial.

Respuesta: Lávese las manos después de manipular.

Ahorramiento: Conserve el producto de materiales incompatibles. Elimine los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

Earth Sense® Certified Green
Liquid Hand Cleaner

afia
skin care solutions™

1000mL (33.8 fl. oz.)
Product #0449

1871000-0001-0449-011

DIRECCIONES FOR USE: Dispense product into palm of hand. Rub and scrub for 20 seconds. Rinse with clean water.

KEEP OUT OF THE REACH OF CHILDREN.


Precautionary statement

Response: Wash hands after handling. **Storage:** Store away from incompatible materials. **Disposal:** Dispose of waste and residues in accordance with local authority requirements.

CONTAINS: This product contains no reportable hazardous ingredients.

North American Chemical Laboratories, Inc.
401 N. 10th Street
Philadelphia, PA 19123

This product meets Green Seal® Standard SS-14 based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org

 7 5261070499

INSTRUCCIONES DE USO: Distribuir el producto en la palma de la mano. Esfumar y masajear durante 20 segundos. Enjuague con agua limpia.

Consejos de prudencia

Prevenición: Mantenga buenas prácticas de higiene industrial. **Respuesta:** Lávese las manos después de manipular. **Almacenamiento:** Conserve lejos de materiales incompatibles. **Eliminación:** Eliminar los desechos y residuos de conformidad con la normativa promulgada por las autoridades locales.

Earth Sense® Certified Green
Liquid Hand Cleaner

DIRECCIONES FOR USE: Dispense product into palm of hand, palm and scrub for 20 seconds. Rinse with clean water.

KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement


Prevention: Observe good industrial hygiene practices.

Responsible: Wash hands after handling. **Storage:** Store away from incompatible materials. **Dispose:** Dispose of waste and residues in accordance with local authority requirements.

CONTAINING: This product contains no reportable hazardous ingredients.

National Chemical Laboratories, Inc.
101 N. 10th Street
Allentown, PA 19123

This product meets Green Seal® Standard SS-11A based on effective performance and product limits on VOCs and human & environmental toxicity. GreenSeal.org

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INSTRUCCIONES DE USO: Distribuir el producto en la palma de la mano. Esfumar y masajear durante 20 segundos. Enjuague con agua limpia.

MANUTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Consejos de prudencia

Prevención: Lavarse las manos después de manipular.

Almacenamiento: Conservarse alejado de materiales incompatibles.

Eliminación: Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

Earth Sense® Certified Green
Liquid Hand Cleaner

afsaTM
skin care solutions

1000mL (33.8 fl. oz.)
Product #0449

1B1000-0001-0449-01!

DIRECCIONES FOR USE: Dispense product into palm of hand, rub together and scrub for 20 seconds. Rinse with clean water.


KEEP OUT OF THE REACH OF CHILDREN. Freecreational statement

Prevention: Observe good industrial hygiene practices. **Response:** Wash hands after handling. **Storage:** Store away from incompatible materials. **Dispose:** Dispose of waste and residues in accordance with local authority requirements.

CAUTION: This product contains no reportable hazardous ingredients.

North American Chemical Laboratories, Inc.,
101 N. 10th Street
Philadelphia, PA 19123

This product meets Green Seal® Standard SS-41A based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org

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INSTRUCCIONES DE USO: Distribuir el producto en la palma de la mano. Esfumar y frotarlas durante 20 segundos. Enjuague con agua limpia.

PREVENCIÓN: Observar buenas prácticas de higiene industrial. **Respuesta:** Lavase las manos después de manipularlo. **Eliminación:** Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

MAINTENIR FUERA DEL ALCANCE DE LOS NIÑOS.
Consejos de prudencia