



SAFETY DATA SHEET (SDS)

Date Revised : 01 / 15

Supersedes : 04 / 14

ATERRA™

G.P. - LHS

Product # : 12067

GENERAL PURPOSE

BIO-BASED

LIQUID HAND SOAP

SECTION 1 : IDENTIFICATION OF SUBSTANCE / COMPANY

PRODUCT NAME / IDENTIFIER :	"ATERRA™" General Purpose, Bio-based, Liquid Hand Soap
PRIMARY APPLICATION / RECOMMENDED USAGE :	Formulated to quickly emulsify and remove soils from hands while moisturizing skin .
DISTRIBUTED EXCLUSIVELY BY :	HEALTHY CLEAN BUILDINGS 4 Wilmington Drive Melville, New York 11747 1-631-643-1882
INFORMATION TELEPHONE :	1-631-643-1882
EMERGENCY TELEPHONE :	Medical : Contact your local Poison Control Center Transportation (24 Hour) Contact : INFOTRAC : (Reference : B-4 Brands) North America - 1- 800 - 535 - 5053 Outside North America - + 1- 352 - 323 - 3500
USAGE RESTRICTIONS :	Refer to Product Label

SECTION 2 : HAZARD(S) IDENTIFICATION

Ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200, WHMIS under the HPA (Canada), or ESIS (Europe).

<u>Chemical Ingredient Name :</u>	<u>CAS Number :</u>	<u>EINECS/ELINCS :</u>	<u>Wt % :</u>	<u>OSHA PEL :</u>	<u>ACGIH TLV :</u>
N/A	N/A	N/A	N/A	N/A	N/A

Remaining ingredients are non-hazardous and/or present at amounts below reportable limits and considered confidential

Classification of the substance or mixture (GHS-US) :



Slight Eye Irritant

Signal Word :

Warning

Hazard Statements :

H303 : May Be Harmful If Swallowed .
H320 : May Cause Mild Eye Irritation .

Precautionary Statements :

P101 : If medical advice is required, have product container or label available .
P102 Keep Out of Reach of Children
P103 . Read Label Before Use .
P305+P351+P338 – If In Eyes via Direct Contact , Rinse Cautiously with Water for Several Minutes .
If Easy To Do, Remove Contact Lenses .Continue Rinsing
P337+P313 – If Eye Irritation Persists , Get Medical Advice / Attention .



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Precautionary Statements : (continued)

- . Avoid Eye Contact - In case of eye contact, flush thoroughly with water
- . For External Use ONLY
- . Keep Out of Reach of Children

Hazard Statement : No Additional Information Available

Ingredients with Unknown Acute Toxicity : No Data Available

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS :

Chemical characterization : An 82 % Bio-based, General-Purpose Liquid Hand Soap formulated to emulsify and remove soils while moisturizing hands .

Ingredients considered Hazardous as defined by OSHA , 29 CFR 1910, 1200, WHMIS under the HPA (Canada) or ESIS (Europe) .

<u>Ingredient :</u>	<u>CAS Number :</u>	<u>%</u>	<u>OSHA / PEL :</u>	<u>ACGIH / TLV :</u>
N/A	N/A	N/A	N/A	N/A

Component Disclosure :

<u>Ingredient :</u>	<u>CAS Number :</u>	<u>%</u>	<u>OSHA / PEL :</u>	<u>ACGIH / TLV :</u>
Aloe Barbadosensis Leaf Juice	94349-62-9	Trade Secret	Not Established	Not Established
Citric Acid	77-92-9	Trade Secret	Not Established	Not Established
Cocamidopropyl Betaine	61789-40-0	Trade Secret	Not Established	Not Established
Decyl Glucoside	58846-77-8	Trade Secret	Not Established	Not Established
DMDM Hydantoin	6440-58-0	Trade Secret	Not Established	Not Established
Glycerin	56-81-5	Trade Secret	Not Established	Not Established
Sodium Chloride	7647-14-5	Trade Secret	Not Established	Not Established
Sodium Lauryl Sulfate	151-21-3	Trade Secret	Not Established	Not Established
Water	7732-18-5	Trade Secret	None	None

NOTE : Exact percentages and identities are withheld as trade secrets . Remaining ingredients are non-hazardous and / or present at amounts below reportable limits and considered confidential .

SECTION 4 : FIRST AID MEASURES

Description of Necessary Measures :

After Inhalation : Supply fresh air . Consult a doctor if adverse conditions persist . Note : Ingredients are not acutely toxic by inhalation .

After Skin Contact : Remove affected clothing and wash all exposed skin area with plenty of water . If skin irritation or rash persists, seek medical attention .

After Eye Contact : Prolonged exposure may cause mild irritation to the eye tissue if not removed . In case of extreme contact , immediately flush eyes with large quantities of warm running water for 15 minutes , lifting upper and lower lids occasionally . If easy to do, remove contact lenses . Continue water rinsing . If eye irritation persists, seek medical attention .

After Ingestion : May cause nausea . Rinse mouth . DO NOT induce vomiting . If patient is fully conscious, continue to rinse mouth with water and drink 2-3 glasses of water . If adverse conditions persist , seek medical attention . Never give anything by mouth if victim is conscious , rapidly losing consciousness, or is convulsing .



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SECTION 5 : FIRE FIGHTING MEASURES :

Suitable Extinguishing Media : Chemical Foam, Dry Chemical

Carbon Dioxide, Water, or Sand .

Flammability : Not Flammable (Aqueous-based)

Special Protective Equipment for Fire Fighters : For extremely large quantities , use self-contained breathing apparatus and full protective gear .

Unsuitable Extinguishing Media : None

Flashpoint (°F, °C , PMCC) : > 205 °F (96 °C) PMCC Method

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear appropriate Protective Equipment (see Section 8) .

Exercise caution from slipping on leaked / spilled product . Wipe up excess product with a disposable cloth . Rinse several times with water .

Leak and Spill Procedure : Safely stop source of spill . Dike or contain spill . Collect excess product for disposal . Flush remaining product from spill with water to clean up residue . Absorb slurry with an appropriate liquid-binding absorbent (ie : sand , diatomite , universal binders , sawdust) . Dispose of all washings, sweepings, and absorbents in accordance with all applicable international, federal, state, and local regulations .

Precautions To Be Taken in Handling & Storing : Protect from freezing . Product shelf life is best retained by storing at 45 -100 ° F .

Environmental Precautions : Make best efforts to prevent entry into sewers and public waters. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right-To-Know Act of 1968 and of 40 CFR Part 372 .

SECTION 7 : HANDLING & STORAGE REQUIREMENTS

KEEP OUT OF REACH OF CHILDREN

Precautions for Safe Handling : Read product literature, label , and SDS before use . Use product strictly according to label directions .

Wash hands and other exposed areas with soap and water before eating, drinking, smoking; or when leaving work . Provide adequate ventilation in storage area . Avoid spillage or container rupture of the product . Avoid personal contamination after a spill .

Hygiene Measures : Wash hands and forearms thoroughly after handling . Launder soiled, contaminated clothing before re-use .

Safe Storage Conditions : Keep in original container in a cool , dry, well-ventilated place away from open flames . Keep container away from direct sunlight and incompatible materials . Keep container closed when not in use .

Incompatible Products : Not Known

Incompatible Circumstances : Not Known

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Control Parameters : Industrial Setting (see Section 3) for Ingredients with Occupational Exposure Limits .

Engineering Controls : This is a consumer product that is relatively safe under normal use . For industrial settings, use in well-ventilated areas.

Local Exhaust : Not required .

Personal Protective Equipment : Avoid unnecessary exposure

Hand protection : Not necessary but good practice to wear chemical –resistant gloves when over-exposure is an issue .

Eye Protection : Chemical goggles or safety glasses

Respiratory Protection : Not necessary but good practice to wear appropriate mask

Work / Hygienic Practices : Wash contaminated clothing before re-use .

Other Information : Do Not eat, drink, or smoke during use



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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid	Color : Clear	Odor : Sweet & Fresh
pH (as is) : 7.0 – 7.4	Relative Evaporation Rate : Undetermined	Melting Point : Undetermined
Freezing Point : < 32 °F, < 0 °C	VOC Content : None or Exempt	Boiling Point : >112 °F
Solubility in Water : Miscible	Specific Gravity (Water = 1) : .9961	Flashpoint : > 205 °F (96 °C)
Explosive Limits : Undetermined	Vapor Pressure : Undetermined	Flammability : NA
Partition coefficient : (n-octanol/water) Undetermined	Auto-ignition Temperature : Undetermined	Relative Density : Undetermined
		Decomposition Temp. : Undetermined

SECTION 10 : STABILITY AND REACTIVITY

Reactivity : No Additional Information Available	Chemical stability : Stable under Normal Conditions
Possibility of Hazardous Reactions : Undetermined	Conditions to Avoid : Direct Sunlight . Extremely High or Low Temperatures
Incompatible Materials : High Alkalis / Low Acids	Hazardous Decomposition By-products : Carbon & Nitrogen Oxides
Strong oxidizing and reducing agent .	may be released under extreme heat .
Fumes Hazardous Polymerization : Should not occur	

SECTION 11 : TOXICOLOGICAL INFORMATION

Information on Toxicological Effects :

Likely Routes of Exposure :

Inhalation : Relatively No Irritating Effect	Skin Contact : Not expected to be Irritating or Sensitizing .
Eye Contact : May Cause Mild , Transient Irritating Effect	Ingestion : Oral toxicity is not anticipated , but may cause stomach distress , nausea , or vomiting .

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics : No Further Information

Available Delayed and Immediate Effects (Chronic Effects from Short and Long Term Exposure) : No Further Information

Measures of Toxicity : No Further Information Available

Teratogenicity, Mutagenicity : No Data Available

Reproductive Toxicity : Not Classified

Specific Target Organ Toxicity (Single Exposure) : Not Classified

Specific Target Organ Toxicity (Repeated Exposure) : Not Classified

Carcinogenic Categories : Not expected to be carcinogenic

Acute Toxicity : Not Classified

Skin Corrosion / Irritation : Not classified

Skin Sensitization : Not classified , except for personal allergic reactions .

Serious Eye Damage / Irritation : Not classified

Respiratory Sensitization : Not classified

SECTION 12 : ECOLOGICAL INFORMATION

ENVIRONMENTAL ACCREDITATIONS : Listed in the USDA – Bio-Preferred Catalog



ECOTOXICITY :

Aquatic Toxicity :No Additional Information Available

Terrestrial Toxicity :No Additional Information Available

Mobility in Soil :No Additional Information Available



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ECOLOGICAL INFORMATION : (continued)

OTHER ADVERSE EFFECTS :

Effect on Ozone Layer No Additional Information Available
Effect on Global Warming : No Additional Information Available

NOTE : The product's ingredients are expected to have minimal toxicity and are relatively safe for the environment at concentrations predicted under normal use and accidental spill conditions . Packaging components are compatible with conventional solid waste management practices .

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations : Dispose in safe manner in accordance with local / state/federal regulations.
Dispose of contents / container in accordance with local/regional/national/international regulations . Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities while adhering to the necessary regulations .
Ecology – Waste Materials : Avoid release into environment .
Recommended Cleansing Agents : Water Only

SECTION 14 : TRANSPORT INFORMATION

UN Number (DOT, IMDG, IATA) Not Regulated
UN Proper Shipping Name (DOT, IMDG, IATA) Not Regulated
Transport Hazard Class(es) (DOT, IMDG, IATA) Not Regulated
Packing Group (DOT, IMDG, IATA) Not Regulated
Environmental Hazards : Marine Pollutant (Yes/No) NO
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code... Not Applicable
Special Precautions for User : Not Applicable

SECTION 15 : REGULATORY INFORMATION

UNITED STATES FEDERAL REGULATIONS :

FDA : This product is regulated as an Over-The-Counter (OTC) drug under the Federal Food, Drug, and Cosmetics Act and complies with FDA regulations .

US-EPA (Environmental Protection Agency) :

SARA Title III Sections 302 / 304, 311 / 312 / 313 Chemical Listings : None or none present in regulated quantities .

CAA – Section 112 Listings (TQ) : None

CERLCA Reportable Quantity (RQ) : None

California Proposition 65 : This product is not subject to warning labeling .

State Right-To-Know : The following ingredients are present in the finished product and are listed on the following state right-to-know lists :

<u>Ingredient :</u>	<u>CAS Number :</u>	<u>%</u>	<u>State :</u>
N/A	N/A	N/A	N/A



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REGULATORY INFORMATION : (continued)

CANADA : This product is regulated as a cosmetic under the Food and Drugs Act and complies with “ Health Canada ” regulations . All chemical components of this product are listed on DSL, NDSL, ICL or exempt .

EUROPE : EU Classification : Non – hazardous
 EU Risk Phrases : None
 EU Safety Phrases : Keep Out of Reach of Children ; S 25 – Avoid contact with eyes

SECTION 16 : OTHER INFORMATION

HMIS Rating		GHS classification ratings order of severity differ from NFPA and HMIS	
HEALTH	0	HMIS/NFPA Hazard Ratings	GHS Hazard Categories
FLAMMABILITY	0	0= Minimal Hazard	Cat 1 ~ Severe Hazard
PHYSICAL HAZARD	0	1= Slight Hazard	Cat 2 ~ Serious Hazard
PERSONAL PROTECTION	0	2= Moderate Hazard	Cat 3 ~ Moderate Hazard
		3= Serious Hazard	Cat 4 ~ Slight Hazard
		4= Severe Hazard	Cat 5 ~ Minimal Hazard

DISCLAIMER : This document is intended to provide a brief summary of our present knowledge and guidance regarding the use of this material . The information set forth herein has been compiled from sources to be dependable and is believed to be accurate as of the date of issuance . This information is offered in good faith by HEALTHY CLEAN BUILDINGS and no warranty, expressed or implied, is made . The user assumes all liability for any damage or injury resulting from misuse, from any failure to adhere to recommended practices according to product label (and such), or from any hazards inherent in the nature of the product . This document shall not constitute a guarantee for any specific product features and shall not establish a legally valid contracted relationship.

Footnotes : CALC-Calculated; COR-Corrosive; CS-Cancer Suspect Agent; EST-Estimated; HMIS-Hazardous Material Identification System; NA-Not Applicable; ND-No Data ; NE – Data Not Established; OX- Oxidizer; PEL-Permissible Exposure Limit; PPI-Personal Protection Index ; STEL-Short Time Exposure Limit; TLV-Threshold Limit Value; TS-Trade Secret ; TWA-Time Weighted Average