



SAFETY DATA SHEET (SDS)

Date Revised : 04 / 16
Supersedes : 07 / 14

**ECO LIQUID LAUNDRY WASH
MADE FROM PLANT-BASED INGREDIENTS
NO PHOSPHATES / NO OPTICAL BRIGHTENERS**

**KEEPS CLOTHING COLORS BRIGHT
NATURAL LAVENDER SCENT
FOR TOP & FRONT LOADING MACHINES**

1 . IDENTIFICATION OF SUBSTANCE / COMPANY

PRODUCT NAME / IDENTIFIER :	"ECO LIQUID LAUNDRY WASH " w/ Lavender Scent
PRIMARY APPLICATION / RECOMMENDED USAGE :	A concentrated liquid laundry detergent is tough on stains even in cold water, which means you can use less energy for every load. Made with plant-based ingredients . This biodegradable formula is gentle on skin and the environment. Its 100% natural fragrance leaves clothes smelling fresh and clean .
DISTRIBUTED EXCLUSIVELY BY :	HEALTHY CLEAN BUILDINGS 4 Wilmington Drive Melville, New York 11747 1-631-643-1882
INFORMATION TELEPHONE :	
EMERGENCY TELEPHONE :	
Medical : Contact your local Poison Control Center	
CHEMICAL EMERGENCY RESPONSE Contact :	1-866-963-8463

2 . HAZARDS IDENTIFICATION

This finished product is not considered to be a harmful by IARC, ACGIH, NTP, or OSHA . While this product is not considered hazardous , this SDS contains valuable information critical to the safe handling and proper use of the product . This SDS should be made available to users of this product . Prolonged or repeated skin contact in an occupational setting may result in irritation and in these situations, the use of chemical resistant gloves is recommended. This product is not regarded as a mutagen or carcinogen, and there is low concern for reproductive, developmental, or nervous system toxic effects.

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

Skin Irritation : Category 2
Eye Irritation : Category 2 A

NOTE : Prolonged contact with skin or eyes may cause minor physical irritation . Ingredients used to make this product are not acutely toxic .

Label Elements

Hazard Pictograms



(GHS-US Labeling) Mild Skin & Eye Irritant

Signal Word :

Warning

Hazards : H316 : May Cause Mild Skin Irritation .
H320 : May Cause 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 .
P264 : In the Event of Direct Contact , Wash Hands and Forearms Thoroughly After Handling
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 .

Other Hazards : None

Ingredients with Unknown Acute Toxicity : None

Chronic Effects : Avoid repeated exposure . Repeated contact may cause allergic reactions in very susceptible persons .

Aggravated Medical Conditions : Allergies ; Skin Disorders

Interaction with Other Chemicals : Irritants ; Sensitizers ; Epoxies

Environmental Hazard : See Section 12 : Ecological Information .



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CHRONIC EFFECTS	Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons
Aggravated Medical Conditions	Allergies Skin disorders
Interactions with Other Chemicals	Irritants Sensitizers Epoxies
Environmental hazard	See Section 12: Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	7-13
Alcohols, C12-14, ethoxylated	68439-50-9	3-7
Ethanol	64-17-5	1-5
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	1-5
Sodium Lauryl Sulfate Solid (95%)	151-21-3	1-5
Potassium Cocoate	61789-30-8	1-5
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	1-5
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	0.1-1
Caprylyl Glucoside	29836-26-8	0.1-1
subtisilin	9014-01-1	0.1-1
Sodium Gluconate	527-07-1	0.1-1
C9-11 Pareth 6	66455-14-9	<0.1
Alpha Amylase Concentrate (Bacterial)	9000-90-2	<0.1
Cellulase	9012-54-8	<0.1
Benzisothiazolinone	2634-33-5	<0.1

4. FIRST AID MEASURES

General advice	If symptoms persist, call a physician.
Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Skin Contact	Wash off immediately with plenty of water.
Inhalation	Remove to fresh air.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink plenty of water. Get medical attention
Note to physicians	Treat symptomatically
Self-protection of the first aider	Use personal protective equipment as required



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5. FIRE-FIGHTING MEASURES

Flammable properties	Not flammable
Flash Point Method	Not determined
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Explosion data	
Sensitivity to Mechanical Impact	None
Sensitivity to Static Discharge	None
Protective equipment and precautions for firefighters	Wear self contained breathing apparatus for fire fighting if necessary

<u>NFPA</u>	Health hazards 2	Flammability 0	Stability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection -

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes.
Environmental precautions	Avoid release to the environment
Methods for containment	Prevent further leakage or spillage if safe to do so
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.

7. HANDLING AND STORAGE

Advice on safe handling	Avoid contact with eyes. Keep container closed when not in use.
Storage Conditions	Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

For Household Settings	This product is safe for consumers and other users under normal and reasonably foreseen use.
For Occupational Settings	Use safety goggles if splash hazards exist. Avoid prolonged contact with skin and clothing. Always follow good hygienic work practices.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Color	translucent
Odor	Pleasant		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.1 - 8.5	
Melting point / freezing point	< 0 °C	
Boiling point / boiling range	> 100 °C	
Flash Point	Not flammable	
Evaporation rate	> 1.00 (water = 1)	
Flammability (solid, gas)		
Flammability Limit in Air		
Upper Flammability Limit	Not flammable	
Lower flammability limit	Not flammable	
Vapor pressure	2.27 kPa @ 20 °C	
Vapor density	Not established	
Specific Gravity	1.06	
Water solubility	completely soluble	
Autoignition temperature	Not established	
Decomposition temperature	Not established	
Kinematic viscosity	Not Determined	
Dynamic viscosity	85 cP @ 25°C	
Explosive properties	Not an explosive	
Oxidizing properties	None	
VOC Content (%)	0	
Bulk density	No information available	

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Incompatible materials	None known based on information supplied
Conditions to Avoid	None known based on information supplied
Hazardous Decomposition Products	None known based on information supplied
Hazardous polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Eye Contact	Direct contact with eyes poses risk of serious damage
Skin Contact	May cause irritation upon direct contact
Ingestion	Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea



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11. TOXICOLOGICAL INFORMATION (CONTINUED)

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Lauryl Sulfate Solid (95%)	= 977 mg/kg (Rat)	= 580 mg/kg (Rat)	
Boric Acid	= 2660 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	

Chronic toxicity

Chronic toxicity Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons

Target Organ Effects Not expected

12. ECOLOGICAL INFORMATION

Ecotoxicity

Considering the limited amount applied during normal use and the size of the container, the risk of adverse environmental effects is considered small.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium Lauryl Sulfate Solid (95%)	117: 96 h Pseudokirchneriella subcapitata mg/L EC50	10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semi-static 4.3 - 8.5: 96 h Oncorhynchus mykiss mg/L LC50 static	1.8: 48 h Daphnia magna mg/L EC50
Citric Acid Solution		1516: 96 h Lepomis macrochirus mg/L LC50 static	120: 72 h Daphnia magna mg/L EC50
Propylene Glycol		41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	
Boric Acid		1020: 72 h Carassius auratus mg/L LC50 flow-through	115 - 153: 48 h Daphnia magna mg/L EC50
Calcium Chloride		10650: 96 h Lepomis macrochirus mg/L LC50 static	2400: 48 h Daphnia magna mg/L LC50
Phenoxyethanol	500: 72 h Desmodosmus subspicatus mg/L EC50	220 - 460: 96 h Leuciscus idus mg/L LC50 static 337 - 352: 96 h Pimephales promelas mg/L LC50 flow-through	500: 48 h Daphnia magna mg/L EC50
Potassium Chloride	2500: 72 h Desmodosmus subspicatus mg/L EC50	750 - 1020: 96 h Pimephales promelas mg/L LC50 static 1060: 96 h Lepomis macrochirus mg/L LC50 static	825: 48 h Daphnia magna mg/L EC50 83: 48 h Daphnia magna mg/L EC50 Static

Persistence and degradability The surface active components used in this product are readily biodegradable.

Chemical Name	Partition coefficient
Ethanol	-0.32
Sodium Lauryl Sulfate Solid (95%)	1.6
Benzisothiazolinone	1.3

13. DISPOSAL CONSIDERATIONS

Contaminated packaging Dispose of in accordance with federal, state and local regulations. Recover or recycle if possible.



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14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Present	X				Present	X	Present	X	X
Alcohols, C12-14, ethoxylated	Present	X				Present	X	Present	X	X
Ethanol	Present	X		Present		Present	X	Present	X	X
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	Present	X		Present		Present	X	Present	X	X
Sodium Lauryl Sulfate Solid (95%)	Present	X		Present		Present	X	Present	X	X
Potassium Cocoate	Present	X		Present		Present	X	Present	X	X
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	Present	X				Present	X	Present	X	X
D-Glucopyranose, oligomers, decyl octyl glycosides	Present	X					X	Present	X	X
Caprylyl Glucoside				Present		Present				X
subtilisin	Present	X		Present			X	Present	X	X
Sodium Gluconate	Present	X		Present		Present	X	Present	X	X
C9-11 Pareth 6	Present	X				Present	X	Present	X	X
Alpha Amylase Concentrate (Bacterial)	Present	X		Present			X	Present	X	X
Cellulase	Present	X		Present			X	Present	X	X
Benzisothiazolinone	Present	X		Present		Present	X	Present	X	X



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15. REGULATORY INFORMATION (CONTINUED)

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

Complies

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Glycerin	X	X	X
Ethanol	X	X	X
Phenoxyethanol		X	X



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15. REGULATORY INFORMATION (CONTINUED)

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR
WHMIS Hazard Class
Non-controlled

WHMIS Note

Class D2B - Skin/Eye Irritation reversible damage

16. OTHER INFORMATION

Issue Date	20-May-2015
Revision Date	20-May-2015
Revision Note	No information available



Healthy Clean Buildings

4 Wilmington Drive • Melville, New York 11747
Tel: (631) 643-1882 Website: www.cleaningpro.com
Fax: (631) 643-4649 e-mail: healthycleanblgs@gmail.com