



# SAFETY DATA SHEET ( SDS )

Date Revised : 01 / 16

Supercedes : 04 / 15

**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

## SECTION 1 : IDENTIFICATION OF SUBSTANCE / COMPANY

<b>PRODUCT NAME / IDENTIFIER :</b>	A General – Purpose , Full – Bodied , Liquid Hand Soap containing 15% Pure Coconut Oil
<b>PRIMARY APPLICATION / RECOMMENDED USAGE :</b>	Prepared from a high purity, natural , coconut oil blended with emollients and organic water softeners. It contains absolutely NO synthetic detergents which may pre-maturely dry out and chafe skin. This quality hand soap is designed to leave your hands smooth and soft.
<b>DISTRIBUTED EXCLUSIVELY BY :</b>	<b>HEALTHY CLEAN BUILDINGS</b> 4 Wilmington Drive Melville, New York 11747 1-631-643-1882
<b>INFORMATION TELEPHONE :</b>	INFOTRAC : 1-800-535-5053 ( Ref. Code # – AmCIng 4915 )
<b>EMERGENCY TELEPHONE :</b>	Contact your local Poison Control Center
<b>MEDICAL :</b>	Refer to Product Label
<b>USAGE RESTRICTIONS :</b>	

## SECTION 2 : HAZARD(S) IDENTIFICATION

Present Ingredients are in amounts below reportable limits and considered confidential .

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



Slight Eye Irritant

<b>Signal Word :</b>	<b>Warning</b>
<b>Hazard Statements :</b>	H303 : May Be Harmful If Swallowed . H320 : May Cause Mild Eye Irritation .
<b>Precautionary Statements :</b>	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 .

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



**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

Precautionary Statements : ( continued )

Hazard Statement : No Additional Information Available

Ingredients with Unknown Acute Toxicity : No Data Available

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS :**

Chemical characterization : An 15 % Coconut Oil – based Liquid Hand Soap formulated to emulsify and remove soils from hands while moisturizing skin .

Component Disclosure :

Chemical Name	CAS #	% / Wt.	Threshold Limit Value
Coconut Fatty Acid	61788 – 47 - 4	< 6	N / E
Tall Oil Fatty Acid	61790-12-6	< 15	N / E
EDTA	64-02-8	< 4	N / E
*..Potassium Hydroxide	1310-58-3	< 7	2 mg/m3
Water	7732-18-5	< 70	None

NOTE : Although this product contains ONLY < 7 % / wt. of Potassium Hydroxide, this ingredient as a 100% undiluted ingredient is subject to the reporting requirements by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) ; and is considered hazardous .

Approximate percentages – Exact Percentages are withhold as trade secrets

**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 quickly rinse with warm water exposed skin area . If any skin irritation or rash occurs , cease using product . If any conditions persist , 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 .

NOTE : Most anticipated symptoms are not expected to present a significant hazard under anticipated conditions of normal use .





**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

**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 .

**Fire Fighting Instructions :** Use water spray or fog for cooling exposed containers . Exercise caution when fighting any chemical fire .

**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 :** Ventilate area . 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 :** Strong Alkalis , Strong Acids

**Incompatible Circumstances :** Avoid sources of heat & direct sunlight .

**SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

**OSHA PEL :** **ACGIH TLV :** **EINECS/ELINCS :**

. N/A N/A N/A

**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 .

**Eye Protection :** Chemical goggles or safety glasses

**Respiratory Protection :** No special requirements .

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

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



**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Physical State : Viscous Liquid	Color : Light Yellow	Odor : Slight Almond
pH ( as is ) : 9.0 – 9.5	Relative Evaporation Rate : Undetermined	Melting Point : Undetermined
Freezing Point : < 32 °F, < 0 °C	VOC Content : None or Exempt	Boiling Point : 212-220 °F ( 100 -104 °C )
Flashpoint : > 200 °F ( 93°C )	Boiling Point : >112 °F	Specific Gravity ( Water = 1 ) : .9961
Flammability : NA	Solubility in Water : Miscible	Vapor Pressure : Undetermined
Relative Density : 1.02	Explosive Limits : Undetermined	Auto-ignition Temperature : Undetermined
Decomposition Temp. : Undetermined	Partition coefficient : ( n-octanol/water ) Undetermined	

**SECTION 10 : STABILITY AND REACTIVITY**

Reactivity : No Additional Information Available	Chemical stability : Stable under Normal Cond ition s
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 monoxide / Carbon dioxide
Strong oxidizing and reducing agent .	fumes 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 , Skin Contact , Eye Contact , Oral Ingestion  
**Conditions to Avoid :**  
**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 :** Use of this product may aggravate pre-existing skin ; eye ;  
and respiratory disorders including asthma and dermatitis .  
**Available Delayed and Immediate Effects ( Chronic Effects from Short and Long Term Exposure ) :** No Further Information

**Measures of Toxicity**

**Ingredient Information :**

**Coconut Fatty Acids ( CAS # 61788 – 47 - 4 )** This ingredient is stable and non-reactive under normal conditions . No dangerous reaction known under conditions of normal use. No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. This ingredient is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. This product is not expected to cause reproductive or developmental effects.

<u>Product / Ingredient Name</u>	<u>Components</u>	<u>Species</u>	<u>Test Results</u>
Coconut Fatty Acids CAS # 61788-47-4	Oral LD50	Rat	> 10,000 mg/kg





**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

TOXICOLOGICAL INFORMATION ( continued )

<u>Product / Ingredient Name</u>	<u>Components</u>	<u>Species</u>	<u>Test Results</u>
Coconut Fatty Acids CAS # 61788-47-4	Skin LD50		No Data Available
	Ingestion LD50	Rat	>2000mg/kg Practically Non-toxic
	Inhalation LD50		No Data Available
	Skin Primary Irritation Draize		Slightly irritating . Unlikely to cause skin sensitization
	Eye Primary Irritation Draize = slightly irritating		Slightly irritating

Source : <http://www.chemicalassociates.com/images/stories/virtuemart/product/sds/CA1400-Coco-Fatty-Acid-SDS.pdf>

**Ingredient Information : Tall Oil Fatty Acids (CAS# 61790-12-3) :** This ingredient is stable and non-reactive under normal conditions . No dangerous reaction known under conditions of normal use. No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. This ingredient is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. This product is not expected to cause reproductive or developmental effects.

<u>Product / Ingredients name</u>	<u>Components</u>	<u>Species</u>	<u>Test Results</u>
Tall Oil Fatty Acids (CAS 61790-12-3)	Dermal LD50	Albino rabbit	> 2000 mg/kg, 14 days At this dose no death occurred.
Tall Oil Fatty Acids (CAS 61790-12-3)	Oral LD50	Albino Sprague- Dawley rat	> 10000 mg/kg, 14 days At this dose no death occurred.

Source : <http://www.arizonachemical.com/wp-content/uploads/SYLFATTM-FA1-SDS-US-Default-v1-200000000607.pdf>



**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

Ingredient Information : EDTA ( Ethylenediamine tetraacetic acid ) - CAS # 60-00-4. : IARC ( Not Listed ) ; NTP ( Not Listed ) ; ACGIH ( Not Listed ) ; OSHA ( Not Listed )

<u>Product / Ingredients name</u>	<u>Components</u>	<u>Species</u>	<u>Test Results</u>
EDTA ( Ethylenediamine tetraacetic acid ) CAS # 60-00-4.	Oral LD50	Rat	>2000 mg/kg

Source : <https://www.fishersci.ca/shop/msdsproxy?productName=BP118500&productDescription=ethylenediaminetetraacetic-acid-white-crystalline-powd-fisher-bioreagents>

Ingredient Information : ( Potassium hydroxide, 30-50% solution in water )

**Product Information :**

**Oral LD50** --Category 4. ATE = 300 - 2000 mg/kg.

**Dermal LD50**-- Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

**Vapor LC50** Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

Product Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
*.Potassium Hydroxide ( cas# 1310-58-3 )	333 mg/kg ( Rat )	Not listed	Not listed

Source : <http://www.fishersci.com/shop/msdsproxy?productName=FL20135&productDescription=POTASSIUM>

**Potassium Hydroxide ( cas # 1310-58-3 )** : This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) .

**Carcinogenicity** : The listing below indicates whether any agency has listed Potassium Hydroxide ( cas# 1310-58-3 ) as a carcinogen :

**IARC** : Not Listed ; **NTP** : Not Listed ; **ACGIH** : Not Listed ; **OSHA** : Not Listed

<https://www.fishersci.com/shop/msdsproxy?productName=FL20135&productDescription%20POTASSIUM+HYDROXIDE>

**NOTE** : Although this finished product –“ **HEALTHY HANDS** ” -contains ONLY < 7 % / wt. of Potassium Hydroxide, this ingredient as 100% undiluted ingredient is subject to the reporting requirements by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) ; and is considered hazardous . Most important symptoms / effects at 100% : Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Possible perforation of stomach or esophagus should be investigated . Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation .



**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

**TOXICOLOGICAL INFORMATION ( continued )**

Teratogenicity, Mutagenicity ( as “ HEALTHY HANDS ” ) : No Data Available  
 Reproductive Toxicity ( as “ HEALTHY HANDS ” ) : Not Classified  
 Specific Target Organ Toxicity ( Single Exposure -- as “ HEALTHY HANDS ” ) : Not Classified  
 Specific Target Organ Toxicity ( Repeated Exposure -- as “ HEALTHY HANDS ” ) : Not Classified  
 Carcinogenic Categories : This product does not contain any substances that are considered by ACGIH, OSHA, or NTP to be human carcinogens .  
 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 ACCREDITATION** : This finished product used as per label directions is not considered to be a harmful to human life or the environment .

**ECOTOXICITY :**

**Aquatic Toxicity** : .....No Additional Information Available  
**Terrestrial Toxicity** : .....No Additional Information Available  
**Mobility** : ..... Will likely be mobile in the environment due to its water solubility  
**Persistence and Degradability Soluble in water** : Persistence is unlikely based on information available.  
**Bio- accumulation / Accumulation** : No information available.

**Coconut Fatty Acid**

Product Ingredient	( Aquatic ) Fish	( Aquatic ) Daphnia	( Aquatic ) Rotifer	( Aquatic ) Algae
Coconut Fatty Acid ( cas # 61788 – 47 – 4 )	LC 50 = 96 hour = 900 mg/l (bluegill)	EC 50 = No Data Available	EC 50 = No Data Available	EC 50 = No Data Available

Source : <http://www.chemicalassociates.com/images/stories/virtuemart/product/sds/CA1400-Coco-Fatty-Acid-SDS.pdf>





**HEALTHY HANDS  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL**

ECOLOGICAL INFORMATION ( continued )

Coconut Fatty Acid

Product Ingredient ( continued )	( Terrestrial ) Avian
Coconut Fatty Acid ( cas # 61788 – 47 – 4 )	LC 50 = No Data Available

Tall Oil Fatty Acids

Product Ingredient	Bacteria (Pseudomonas putida)	( Aquatic ) <b>Algae</b> Green algae (Selenastrum capricornutum)	( Aquatic ) <b>Crustacea</b> Water flea (Daphnia magna)	( Aquatic ) <b>Fish</b> Zebra danio (Danio rerio)
Tall Oil Fatty Acids 61790-12-6	EC 50 = > 10000 mg/l, 16 hr	EL 50 = > 1000 mg/l, 72 hr Growth rate; OECD 201	EL 50 = > 1000 mg/l, 48 hr OECD 202	LL 50 = > 10,000 mg/l, 96 hr

Source : <http://www.arizonachemical.com/wp-content/uploads/SYLFATTM-FA1-SDS-US-Default-v1-200000000607.pdf>

EDTA ( Ethylenediamine tetraacetic acid )

Product Ingredient	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
EDTA ( Ethylenediamine tetraacetic acid ) CAS # 60-00-4.	EC50: = 1.01 mg/L, 72h (Desmodesmus subspicatus)	LC50: 44.2 - 76.5 mg/L, 96h static (Pimephales promelas) LC50: 34 - 62 mg/L, 96h static (Lepomis macrochirus)	Not Listed	EC50: = 113 mg/L, 48h Static (Daphnia magna)

Source : <https://www.fishersci.ca/shop/msdsproxy?productName=BP118500&productDescription=ethylenediaminetetraacetic-acid-white-crystalline-powd-fisher-bioreagents>

Potassium Hydroxide

Product Ingredient	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Potassium Hydroxide ( cas# 1310-58-3 )	Not listed	LC50: = 80 mg/L, 96h static (Gambusia affinis)	Not Listed	Not Listed

Source : <http://www.fishersci.com/shop/msdsproxy?productName=FL20135&productDescription=POTASSIUM>





**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

**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



**HEALTHY HANDS  
FULL – BODIED CONSISTENCY  
LIQUID HAND SOAP**

**GENERAL PURPOSE  
CONTAINS 15% PURE COCONUT OIL  
NO SYNTHETIC DETERGENTS**

**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	
<b>HEALTH</b>	<b>1</b>	HMIS/NFPA Hazard Ratings	GHS Hazard Categories
<b>FLAMMABILITY</b>	<b>0</b>	0= Minimal Hazard	Cat 1 - Severe Hazard
<b>PHYSICAL HAZARD</b>	<b>0</b>	1= Slight Hazard	Cat 2 - Serious Hazard
<b>PERSONAL PROTECTION</b>	<b>B</b>	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