



# SAFETY DATA SHEET ( SDS )

Date Revised : 02 / 15  
Supercedes : 03 / 12

**E-LEK-TRO  
FLOOR CLEANER / CONDITIONER  
STEP # 4**

**CLEANS DAILY SOILS FROM FLOOR  
FILM - FREE  
PRIMES FLOOR SURFACE FOR BUFFING**

## SECTION 1 : IDENTIFICATION OF SUBSTANCE / COMPANY

PRODUCT NAME / IDENTIFIER :  
PRIMARY APPLICATION / RECOMMENDED USAGE :

DISTRIBUTED EXCLUSIVELY BY :

INFORMATION TELEPHONE :  
EMERGENCY TELEPHONE :  
USAGE RESTRICTIONS :

**" E-LEK-TRO Floor Cleaner / Conditioner " - STEP # 4 :**  
A film-free , multi-purpose cleaner which repels soils and keeps floor surfaces cleaner for a longer period of time . When applied , this product adds moisture back into the Sealer/ Finish coating thereby making the coating more flexible and priming it for high-speed or standard floor buffing. As increased buffings take place, the floor coatings become far more responsive and durable.  
**HEALTHY CLEAN BUILDINGS**  
4 Wilmington Drive  
Melville, New York 11747  
1-631-643-1882  
**1- 516-377-7772**  
Refer to Product label

## SECTION 2 : HAZARD(S) IDENTIFICATION

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

NOTE : Prolonged contact with skin or eyes may cause mild – moderate physical irritation .

### Label Elements

Hazard Pictograms  
( GHS-US Labeling )



Skin & Eye Irritant

Signal Word :

**Warning**

Hazard Statements :

H303 : May Be Harmful If Swallowed .  
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



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

Chemical characterization : Film-free, Multi-purpose Floor Cleaner / Conditioner .

Component Disclosure :

Ingredient	CAS #	Weight %	Table Z - 1 - A			NTP, IARC, or OSHA
			TWA mg / m3	STEL mg / m3	CEILING mg / m3	Carcinogen
Surfactant Blend Alcohol Ethoxylate	34398-01-1	< 10	NE	NE	NE	NO
Dipropylene Glycol Monomethyl Ether	034590-94-8	< 10	100 PPM	150 PPM	100 PPM	NO
Sodium Carbonate	497-19-8	< 10	NE	NE	NE	NO
Deionized Water	7732-18-5	60 - 100	NE	NE	NE	NO

NOTE : Percentages and identities are withhold as trade secrets.

**SECTION 4 : FIRST AID MEASURES**

**Description of Necessary Measures :**

**Relevant Routes of Exposure :** Skin Contact , Eye Contact , Ingestion

**After Skin Contact :** Wash with plenty of mild soap and water ; followed by a warm water rinse . Apply a topical antiseptic agent to open wounds or broken skin . Remove contaminated clothing and shoes . Launder soiled , contaminated clothing before reuse . If skin irritation or rash persists, seek medical attention ( P332+P313 ) .

**After Eye Contact :** Rinse cautiously with warm running water for 15 minutes . If easy to do, remove contact lenses . Continue water rinsing . ( P 305+P351+P338 ) If eye irritation persists such as blinking , redness , or pain , seek medical attention . ( P337 + P313 ) .

**After Ingestion :** Do Not Induce vomiting unless advised by a physician or poison control center . 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 unconscious, rapidly losing consciousness , or is convulsing .Call a Poison Control Center / Doctor / Physician, if necessary ( P312 ) .

**After Inhalation :** Move to fresh air . Keep individual at rest in a position comfortable for breathing .Consult a doctor if adverse conditions persist ( P261 )..

**Note to Physicians :** Treat symptomatically .

**SECTION 5 : FIRE FIGHTING MEASURES :**

**Flashpoint ( °F, °C , PMCC ) :** Non Established = >212°F

**Suitable Extinguishing Media :** Water , Water Spray , Dry Powder , Foam , Carbon Dioxide ( CO2 ) . Does not support combustion .

Use extinguishing media appropriate for surrounding fire .

**Auto-Ignition Temperature :** ND

**Special Protective Equipment for Fire Fighters :** Wear NIOSH approved , self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode when fighting fires . Cool fire exposed containers with water spray .

**Unusual Fire Hazards :** Combustion products may be toxic .

**Flammability :** Not Flammable ( Aqueous-based )

**Unsuitable Extinguishing Media :** None

**Lower / Upper Flammable Limits :** Not Available

**Hazardous Decomposition Products :** Carbon Monoxide , Carbon Dioxide



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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

Exercise caution from slipping on leaked / spilled product . Mop up excess product . Small spills under one gallon may be flushed with plenty of water into a sanitary sewer system ( if permitted by local sewer regulations ) . After rinse several times with water .

**Leak and Spill Procedure :** For larger spills , dike and contain . 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 ) . Transfer adulterated absorbent to containers for recovery or disposal .

**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 contact with moist air and steam . 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 , well-ventilated place away from incompatible substances and open flames .

Keep container closed when not in use .

**Incompatible Products :** Not Known

**Incompatible Circumstances :** Not Known

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

**Workplace Control Parameters :** Relatively no effect if exposed in small amounts . Relative to other similar materials, a single dose of this product is rarely toxic by inhalation or ingestion . When ingested in small amounts , a numbness of the mouth and/or irritation of the stomach can develop . After prolonged contact , eye irritation may occur . After repeated and / or prolonged contact with skin , dermatitis and skin sensitization may develop . Slight "redness" may develop on hands and forearms if individual has a history of dermal allergic reaction .

**Engineering Controls :** Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower . Use adequate ventilation to keep airborne concentrations low .

**Local Exhaust :** If fumes load up , may be required for some operations .

**Exposure Limits :**

<u>Chemical Name :</u>	<u>ACGIH :</u>	<u>NIOSH</u>	<u>OSHA – Final PELs</u>
Dipropylene Glycol Monomethyl Ether ( cas # 034590-94-8 )	100 ppm ( TWA – 600 mg / m3 )	150 ppm ( STEL- 900 mg / m3 )	100 ppm ( + / - TWA – 600 mg/ m3 )

**Exposure Controls :**

**Personal Protective Equipment :** Avoid unnecessary exposure

**Hand protection :** Good practice to wear chemical –resistant gloves

**Eye Protection :** Chemical goggles or safety glasses as described by OSHA Regulation 29 CFR 1910.133 or European Standard EN 166 .

**Respiratory Protection :** Under normal conditions , good practice to wear appropriate mask . Under extreme conditions , follow the OSHA Respirator Regulations found in 29CFR 1910.134 or European Standard EN 149 . Whenever necessary, always use a NIOSH or European Standard EN Approved Respirator

**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 : Yellow-Green	Odor : Mild , Non-Descriptive
pH ( as is ) : 11.0 ( in conc ) // 9.5 ( diluted )	Evaporation Rate ( Butyl Acetate = 1 ) : < 1	Melting Point : Undetermined
Freezing Point : < 32 °F, < 0 °C	Boiling Point : >212 °F	Flashpoint : ≥ 212 °F
Solubility in Water : Miscible	Specific Gravity ( Water = 1 ) : 1.01 @ 75°F	Flammability : NA
Explosive Limits : Undetermined	Vapor Pressure : NA	Vapor Density ( Air = 1 ) : NE
Partition coefficient : ( n-octanol/water ) Undetermined	Auto-ignition Temperature : Undetermined	Decomposition Temp. : Undetermined

### SECTION 10 : STABILITY AND REACTIVITY

Reactivity : Considered Unreactive under Normal Conditions	Chemical stability : Stable under Normal Conditions
Possibility of Hazardous Reactions : Not expected to occur	Conditions to Avoid : Direct Sunlight , Extremely High or Low Temperatures
Incompatible Materials : Low pH Acids ; High pH Alkalis ; Strong Oxidizing & Reducing Agents ;	Hazardous Decomposition By-products : Carbon Monoxide , Carbon Dioxide , and other toxic chemical fumes .
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 :

Inhalation : Minor Respiratory Irritant Effect . Avoid breathing mist . May cause respiratory irritation . Symptoms are nasal discomfort and coughing .

Skin Contact : Minor Irritant Effect . Prolonged Exposure May Cause Redness, Swelling, and Pain . Sensitization possible through prolonged skin contact .

Eye Contact : Moderate Irritating Effect . Prolonged Exposure May Cause Redness, Swelling, and Pain .

Ingestion : May Be Harmful If Swallowed . May Cause Digestive Irritation , 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 :

Alcohol ethoxylates ( cas# 34398-01-1 ) are not observed to be mutagenic, carcinogenic, or skin sensitizers, nor cause reproductive or developmental effects. One by-product of ethoxylation may be 1,4-dioxane, which is a known carcinogen. Undiluted AEs can cause dermal or eye irritation. In aqueous solution, the level of irritation is dependent on the concentration. AEs are considered to have low to moderate toxicity for acute oral exposure, low acute dermal toxicity, and have mild irritation potential for skin and eyes at concentrations found in consumer products.

Dipropylene Glycol Monomethyl Ether ( cas # 034590-94-8 ) : This ingredient is a "Hazardous Chemical " as defined by the OSHA Hazard Communication Standard , 29 CFR 1910 . 1200 .

Sodium Carbonate ( cas # 497-19-8 ) : Not designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Teratogenicity, Mutagenicity ( as " E-LEK-TRO Cleaner / Conditioner " STEP # 4 ) : No Data Available

Reproductive Toxicity ( as " E-LEK-TRO Cleaner / Conditioner " STEP # 4 ) : Not Classified

Specific Target Organ Toxicity ( Single Exposure -- as " E-LEK-TRO Cleaner / Conditioner " STEP # 4 ) : Not Classified

Specific Target Organ Toxicity ( Repeated Exposure -- as " E-LEK-TRO Cleaner / Conditioner " STEP # 4 ) : Not Classified

Carcinogenic Categories : This product does not contain any substances that are considered by ACGIH, OSHA, or NTP to be human carcinogens .

NTP ( National Toxicity Program ) : None of the Ingredients are listed as of this date .

IARC ( International Agency for Research on Cancer ) : None of the Ingredients are listed as of this date .

OSHA ( Occupational Safety and Health Administration ) : None of the Ingredients are listed as of this date .



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TOXICOLOGICAL INFORMATION ( continued )

Acute Toxicity :

<u>Product / Ingredients name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Alcohol Ethoxylate ( cas# 34398-01-1 ( at Full Concentration )	EC50	Invertebrates	( Linear ) 0.1 - > 100 mg/ L ( Branched ) 0.5 – 50 mg / L

<http://en.wikipedia.org/wiki/Ethoxylation>

<u>Product / Ingredients name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Alcohol Ethoxylate ( cas# 34398-01-1 ) ( at Full Concentration )	EC50	Algae	( Linear / Branched ) 0.5 – 50 mg/ L
Alcohol Ethoxylate ( cas# 34398-01-1 ) ( at Full Concentration )	LC - 50	Fish	( Linear ) 0.4 – 100 mg / L ( Branched ) 0.25 – to 40 mg / L

<http://en.wikipedia.org/wiki/Ethoxylation>

<u>Product / Ingredients name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Dipropylene Glycol Monomethyl Ether ( cas # 034590-94-8 ) ( at Full Concentration )	LD – 50 ( skin absorption )	Rabbits	>20 ml / kg.
Dipropylene Glycol Monomethyl Ether ( cas # 034590-94-8 ) ( at Full Concentration )	LD – 50 ( Oral )	Rats	5.4 ml / kg.

<http://www.landjsupply.com/msds/dpm.pdf>

<u>Product / Ingredients name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Sodium Carbonate ( cas # 497-19-8 ) ( in Powder Form at Full Concentration )	LD – 50 ( skin absorption )	Rabbits	Mild irritant (500 mg/24hr, rabbit). Not a sensitizer (tested at 0.25% solution).
Sodium Carbonate ( cas # 497-19-8 ) ( in Powder Form at Full Concentration )	LD – 50 ( Oral )	Rats	4,090 mg/kg
Sodium Carbonate ( cas # 497-19-8 ) ( in Powder Form at Full Concentration )	LC - 50	Rats	2.3 mg/ L ( 2 hr ) 800 mg/ m3 ( 24 hr.)
		Guinea Pig	800 mg / m3 ( 20 hr. exposure ) (moderate toxicity)
Sodium Carbonate ( cas # 497-19-8 ) ( in Powder Form at Full Concentration )	Severe Eye Irritant	Rabbit	50 mg

[http://www.conservationssupportsystems.com/system/assets/msds/sodium\\_carbonate\\_msds.pdf](http://www.conservationssupportsystems.com/system/assets/msds/sodium_carbonate_msds.pdf)



## E-LEK-TRO - STEP # 4 FLOOR CLEANER / CONDITIONER

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### TOXICOLOGICAL INFORMATION ( continued )

**Skin Corrosion / Irritation :** May Cause Skin Irritation ( @ pH – 11 ( in concentrate ) )

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

**Serious Eye Damage / Irritation :** May Cause Eye Irritation

**Respiratory Sensitization :** Not classified ( @ pH – 11 ( in concentrate ) )

### SECTION 12 : ECOLOGICAL INFORMATION

**ENVIRONMENTAL ACCREDITATION :**  **Green Seal** ( pending ) . If this product becomes a waste , it does not exhibit the properties of ignitability , corrosivity , reactivity , or environmentally-persistent toxicity .

**Mobility :** Completely Soluble

**Aquatic Acute EcoToxicity :**

--- **Alcohol Ethoxylate - cas# 34398-01-1 ( in concentrate ) :** Flow-through laboratory tests in a terminal pool of AES with mollusks found the "No Observed Effect Concentration" ( NOEC ) of a snail, Goniobasis and the Asian clam, Corbicula to be greater than 730 ug/L. Corbicula growth was measured to be effected at a concentration of 75 ug/L . The mayfly, Tricorythodes has a normalized density NOEC value of 190 ug/L.

\_\_\_ **Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate )** Material is practically non-toxic to aquatic organisms on an acute basis (LC50 or EC50 >100 mg/L in the most sensitive species tested). Acute LC50 in emerald shiner (Notropis atherinoides) is >150 mg/L. Acute LC50 in fathead minnow (Pimephales promelas) is >10000 mg/L. Acute LC50 in water flea Daphnia magna is 1919 mg/L. The 21-day no observed effect concentration level (NOEC) (reproduction) in water flea Daphnia magna is >0.5 mg/L. Maximum acceptable toxicant concentration (MATC) in water flea Daphnia magna is >0.5 mg/L. Growth inhibition threshold in bacteria is 4168 mg/L. Growth inhibition EC50 in green alga Selenastrum capricornutum is >969 mg/L.

--- **Sodium Carbonate - cas# 497-19-8 ( in powder concentrate ) :** 96 – hour LC50 : 265 – 565 mg / L (daphnia magna) (low toxicity)

: 300 – 320 mg / L (blue gill sunfish) (low toxicity)

96 – hour TLm : 1200 mg/ L (mosquito-fish)

48 – hour TLm : 840 mg/ L (mosquito-fish)

48 – hour EC50 : 265 mg/l (daphnia magna)

5 Day EC 50 : 242 mg/l (Nitzscheria linearis)

**Persistence and Degradability ( E-LEK-TRO Floor Cleaner / Conditioner " - STEP # 4 ) :** Readily Biodegradable in water ; Biodegradable in soil .  
**Persistence and Degradability :**

**Alcohol Ethoxylate -- cas# 34398-01-1 ( in concentrate ) :** The degradation of AES proceeds by  $\omega$ - or  $\beta$ -oxidation of the alkyl chain, enzyme cleavage of the sulfate substituent leaving the alcohol ethoxylate, and by cleavage of an ether bond in the AES molecule producing alcohol or alcohol ethoxylate and an ethylene glycol sulfate. Studies of aerobic processes also found AES to be readily biodegradable. The half-life of both AE and AES in surface water is estimated to be less than 12 hours .The removal of AES due to degradation via an aerobic processes is estimated to be between 75 to 87%.

**Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable. Reaches more than 70% mineralization in OECD test(s) for inherent biodegradability. Biodegradation rate may increase in soil and/or water with acclimation. The 20-Day Biochemical Oxygen Demand (BOD20) is 0.65 p/p. In the atmospheric environment, material is estimated to have a tropospheric half-life of 3.4 - 10.4 hr. Biodegradation reached in Modified OECD Screening Test (OECD Test No. 301 E) after 28 days: 72.9%. Biodegradation reached in Manometric Respirometry Test (OECD Test No. 301 F) after 28 days: 75%.

**Sodium Carbonate - cas# 497-19-8 ( in powder concentrate ) :** Abiotic degradation : Water (hydrolysis): degradation's products: carbonate (pH>10) / carbonic acid / carbon dioxide (pH <6) , Soil: Hydrolysis as a function of pH. ; Biotic degradation: Aerobic / anaerobic : Not applicable ( inorganic compound ) .

**Biological Oxygen Demand ( BOD )-- Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** 20 day (BOD20) = 0.65 p/p

**Chemical Oxygen Demand ( COD )--** No Additional Information Available

**ThOD --** No Additional Information Available

**BOD ( % of ThOD ) --** No Additional Information Available

**Bioaccumulative Potential ( " E-LEK-TRO Floor Cleaner / Conditioner " - STEP # 4 ) :** NE

**Log Pow -- Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** < 3

**Bioaccumulative Potential -- Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** Bioconcentration potential is low ( BCF less than 100 or Log Pow less than 3). Log octanol / water partition coefficient (log Pow) is estimated using a structural fragment method to be -0.35.



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**ECOLOGICAL INFORMATION ( continued )**

**Environmental :** ..... No Additional Information Available  
**Terrestrial Toxicity :** .....No Additional Information Available  
**Mobility in Soil --**  
**Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** Potential for mobility in soil is very high ( Koc between 0 and 50 ).  
Soil organic / carbon water partition coefficient (Koc) is estimated to be 0.281. Henry's Law Constant (H) is estimated to be 1.6E-07 atm-m<sup>3</sup>/mole.

**OTHER ADVERSE EFFECTS :**

**Effect on Ozone Layer** .....No Additional Information Available  
**Effect on Global Warming :** .....No Additional Information Available  
**Other Information :** .....Avoid release into the Environment

**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 incinerated with conventional waste stream 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**

**In Accordance with DOT Regulations**  
**Not regulated for Transport**

**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**

**Safety, Health, and Environmental Regulations/Legislation specific for the substance or mixture**

**Alcohol ethoxylates - cas# 34398-01-1 ( in concentrate ) :** are not observed to be mutagenic, carcinogenic, or skin sensitizers, nor cause reproductive or developmental effects . This ingredient does not contain toxic chemicals (in excess of the applicable de minimis concentration) that are subject to the annual toxic chemical release reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313 (40 CFR 372).

**Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** SARA 313 INFORMATION: This product ingredient contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

**Sodium Carbonate -cas # 497-19-8 ( in powder concentrate ) :** Not designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

**OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :**

The Occupational Safety and Health Administration requires Safety Data Sheets to provide any hazards that may be associated with the product and make this information available in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain additional health hazard information not pertinent to consumer use.



**US TSCA INVENTORY STATUS :** All chemicals used in this product are either listed on or exempt from the TSCA Inventory.

**Sodium Carbonate -cas # 497-19-8 ( in powder concentrate ) :** TSCA 8 ( b ) inventory

**OSHA HAZARD COMMUNICATION STANDARD -- Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SARA HAZARD CATEGORY :**

-- **Alcohol ethoxylates - cas# 34398-01-1 ( in concentrate ) :** This product does not contain toxic chemicals (in excess of the applicable de minimis concentration) that are subject to the annual toxic chemical release reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313 (40 CFR 372).

-- **Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) :** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories : an immediate health hazard / a fire hazard

-- **Sodium Carbonate -cas # 497-19-8 ( in powder concentrate ) :** Section 302 Extremely Hazardous Substances: 40CFR355, Appendix A –Not Listed ; Section 311 Hazard Class 40CFR370 - Immediate (acute) ; Section 312 Threshold Planning Quantity (TPQ) 40CFR370 - No TPQ listed ; Section 313 Reportable Ingredients 40CFR37 – Not Listed .

**US State Regulations** --The following state right-to-know lists: California, New Jersey, Minnesota, Massachusetts , California Prop 65 :

.....No Additional Information Available

**Pennsylvania Hazardous Substance ( Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate ) -present at greater than or equal to 1.0%) = PA1**

**International Regulations :**

**CANADA - WHMIS:** This product has been classified in accordance with hazard criteria of the Canadian Controlled Products Regulations ( CPR ) and this SDS contains all the information required by the CPR : **HAZARDOUS PRODUCTS ACT INFORMATION:** This product contains the following ingredients which are Controlled Products and / or on the Ingredient Disclosure List (Canadian HPA section 13 and 14) :

**Dipropylene Glycol Monomethyl Ether - cas # 034590-94-8 ( in concentrate @ 99 % ) .** The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is: B3 - combustible liquid with a flash point between 37.8C and 93.3C .

**Sodium Carbonate -cas # 497-19-8 ( in powder concentrate ) :** WHMIS (Canada): CLASS D-2B: Material causing other toxic effects (TOXIC).

**EU-REGULATIONS :**

**EINECS : Sodium Carbonate -cas # 497-19-8 ( in powder concentrate ) :** This product is on the European Inventory of Existing Commercial Chemical Substances. DSCl (EEC): R36/37/38- Irritating to eyes, respiratory system and skin. S22- Do not breathe dust. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 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