



# SAFETY DATA SHEET ( SDS )

Date Revised : 05 / 16

Supersedes : 01 / 15

**BIO-CLEANSER**  
**ENZYME FORTIFIED SCOURING CREME**

**CLEANS, DEODORIZES & POLISHES**  
**REMOVES COMMON SURFACE STAINS**

## SECTION 1 : IDENTIFICATION OF SUBSTANCE / COMPANY

PRODUCT NAME / IDENTIFIER :

**"BIO-CLEANSER " – General Purpose Restroom Cleanser & Drain Maintainer**

PRIMARY APPLICATION / RECOMMENDED USAGE :

A "Ready-To-Use" enzymatic-fortified scouring cleanser which synergistically cleans , deodorizes , polishes , and removes stains from restroom surfaces maintaining plumbing and waste systems by seeding them with multiplying colonies of enzymatic waste digesters. A Non-Acid , Non-Caustic , Free-rinsing mild abrasive creme cleanser and deodorizer containing beneficial bacterial flora for use on any surface in a rest room.

DISTRIBUTED EXCLUSIVELY BY :

**HEALTHY CLEAN BUILDINGS**

4 Wilmington Drive

Melville, New York 11747

1-631-643-1882

INFORMATION TELEPHONE :

**INFOTRAC – 1-800-535-5053 ( Ref. Code # – Arrow HCKZ )**

EMERGENCY TELEPHONE :

USAGE RESTRICTIONS :

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 minor physical irritation . Ingredients used to make this product are not acutely toxic .

### 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 2 : HAZARD(S) IDENTIFICATION**

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

Not Classified - No Hazardous Components or VOC release into air .

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

**Label Elements :**

No Hazardous Labeling Statements Required

SIGNAL WORD : Caution

**Other Hazards :**

No Additional Information Available

**Ingredients with Unknown Acute Toxicity :**

No Data Available

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

**Chemical characterization :** A "Ready-To-Use" enzymatic-fortified scouring cleanser which synergistically cleans , deodorizes , polishes , and removes stains from restroom surfaces while maintaining plumbing and waste systems . Mixture of inert material and Bio-based ingredients .  
( Trade Secret )

**Component Disclosure :**

<u>Ingredient Name :</u>	<u>CAS # :</u>	<u>% by Weight :</u>	<u>Threshold Limit Value</u>
Calcium Carbonate	471 - 34 - 1	< 40	N / A
Enzyme Extract	Mixture	< 2	N / A
Plant - Derived Surfactant Blend	Mixture	< 5	N / A
Natural Mint Fragrance	Proprietary - Trace Amount	< . 01	N / A
Water	732 - 18 - 5	< 52	N/A

NOTE : Approximate percentages - Exact percentages and identities are withhold as trade secrets.





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### **SECTION 4 : FIRST AID MEASURES**

**Description of Necessary Measures :** Review Label & SDS before use .

**General Measures :** Avoid administering anything by mouth to an unconscious person . Seek medical attention under abnormal conditions .

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

**After Skin Contact :** Wash with plenty of soap and water . Remove affected clothing and launder . 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 . Seek medical attention if eye irritation , pain, excessive blinking, or redness persists .

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

### **SECTION 5 : FIRE FIGHTING MEASURES :**

**Suitable Extinguishing Media :** Foam, Dry Powder, Carbon Dioxide, Water Spray, Sand

**Unsuitable Extinguishing Media :** Do Not Use A Heavy Water Stream

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

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

**Explosion Hazard :** N/A

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

**Special Protective Equipment for Fire Fighters :** Do Not enter fire area without proper protective equipment , including respiratory protection .

### **SECTION 6 : ACCIDENTIAL RELEASE MEASURES**

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 :** 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 ) . Collect post – absorbent in empty label container . Store away from other material .

**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 to prevent the formation of vapors . 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 open flames or other heat sources . Keep container closed when not in use .

**Incompatible Products :** Strong Alkalis , Strong Acids

**Incompatible Circumstances :** Ignition Sources / Direct Sunlight .



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### SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace Control Parameters** : No Additional Information Is Available

**Local Exhaust** : Not required .

**Exposure Controls** :

**Personal Protective Equipment** : Avoid unnecessary exposure

**Hand protection** : Not necessary but good practice to wear chemical –resistant gloves

**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

### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** : Viscous Abrasive Creme

**pH ( as is )** : 9 - 10

**Freezing Point** : < 32 °F, < 0 °C

**Solubility in Water** : Miscible (>71 %)

**Explosive Limits** : Undetermined

**Partition coefficient** : ( n-octanol/water ) Undetermined

**Color** : White / Yellow ( Opaque )

**Relative Evaporation Rate** : Undetermined

**Boiling Point** : >212 ° F

**Specific Gravity ( Water = 1 )** : 1.2

**Vapor Pressure** : Same as water

**Auto-ignition Temperature** : Undetermined

**Odor** : Fresh Mint

**Melting Point** : Undetermined

**Flashpoint** : ≥ 200 ° F

**Flammability** : NA

**Relative Density** : Undetermined

**Decomposition Temp.** : Undetermined

### SECTION 10 : STABILITY AND REACTIVITY

**Reactivity** : No Additional Information Available

**Possibility of Hazardous Reactions** : Undetermined

**Incompatible Materials** : High Alkalis / Low Acids

**Fumes Hazardous Polymerization** : Will not occur

**Chemical stability** : Stable under Normal Cond ition s

**Conditions to Avoid** : Direct Sunlight . Extremely High or Low Temperatures

**Hazardous Decomposition By-products** : Conventional after effects from Combustion - Carbon monoxide , Carbon dioxide

### 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

**Eye Contact** : May Cause Mild , Transient Irritating Effect

**Skin Contact** : Not expected to be Irritating or Sensitizing .

**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** : 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





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**TOXICOLOGICAL INFORMATION ( continued ) :**

**Acute Toxicity :**

Component Information	LD 50 ( Oral )	LD 50 ( Dermal )	LC 50 ( Inhalation )
Calcium Carbonate CAS # : 471 – 34 - 1	6450 mg/kg ( Rat )	Not Listed	Not Listed

( Source : <http://www.fishersci.com/msdsproxy%3FproductName%3DC633%26productDescription%3DCALCIUM%2BCARBONATE> )

Component Information	LD 50 ( Oral )	LD 50 ( Dermal )	LC 50 ( Inhalation )
Enzyme Extract	Not Listed	Not Listed	Not Listed
Plant - Derived Surfactant Blend	Not Listed	Not Listed	Not Listed
Natural Mint Fragrance	Not Listed	Not Listed	Not Listed

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Eye Irritation** : Irritating to eyes

**Skin Corrosion / Irritation** : Not classified

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

**Serious Eye Damage / Irritation** : Not classified

**Respiratory Sensitization** : Not classified

**Carcinogenicity** : The table below indicates whether each agency has listed any ingredient as a carcinogen :

Product	IARC	NTP	ACGIH	OSHA	
Bio – Cleanser	Not Listed	Not Listed	Not Listed	Not Listed	

**NOTE : Carcinogenic Categories :**

**NTP ( National Toxicity Program )** : None of the Ingredients are listed as of this date, greater than, or equal to 0.1 % .

**IARC ( International Agency for Research on Cancer )** : None of the Ingredients are listed as of this date, greater than, or equal to 0.1 %

**OSHA ( Occupational Safety and Health Administration )** : None of the Ingredients are listed as of this date, greater than, or equal to 0.1 %



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**SECTION 12 : ECOLOGICAL INFORMATION**

Contains no ingredients known to be hazardous to the environment or are not degradable in wastewater treatment plant .

ECOTOXICITY : .....Do not empty into drains.  
Aquatic Toxicity : .....No Additional Information Available  
Terrestrial Toxicity : .....No Additional Information Available  
Persistence and Degradability : .....No information available .  
Bioaccumulation/ Accumulation : .....No information available.  
Mobility in Soil : .....No Additional Information Available

**OTHER ADVERSE EFFECTS :**

Effect on Ozone Layer .....No Additional Information Available  
Effect on Global Warming : .....No Additional Information Available - No known ecological damage caused by this product .

**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 ) .....Compound Paste Cleaner  
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**

U.S. Federal Regulations : .....No Additional Information Available  
US-EPA ( Environmental Protection Agency ) .....None of the Ingredients are Listed

All components of this product are listed, or excluded from listing , on the United States Environmental Protection Agency Toxic Substances Control Act ( TSCA ) inventory .

The product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR 372.38 ( a ) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 ; and 40 CFR Part 372 .

**California Proposition 65** –This product does not contain any substances known to the State of California to cause cancer and /or reproductive harm .

**International Regulations :**  
**CANADA , EU-REGULATIONS** .....No Additional Information Available



**SECTION 16 : OTHER INFORMATION**

<b>HMIS Rating</b>		<b>GHS classification ratings order of severity differ from NFPA and HMIS</b>	
<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