Safety Data Sheet

Version 2.1
Revision Date: 04/10/2015

1. Product and Company Identification

Product Identifier

Product Name: Urinal Enzyme Block (Green Apple)

Product Number: FG 2010

General Use: Deodorizor, Air Freshener, Drain Cleaner

Recommended/Restricted Use

Identified Uses: Urinal Deodorant, Air Freshener, Drain Cleaner

Restrictions: N/A

Distributor

EES, Inc.

127 Riverside Drive

Cartersville, GA 30127 USA

(800) 473-9467

Emergency Contact Information

Company Name: ChemTel, Inc.

Telephone Number: (800) 255-3924

2. Hazard Identification

GHS Classification

Skin Irritation (Category 2)

Causes Serious Eye Irritation (Category 2A)

GHS Label Elements, Including Precautionary Statements

Pictogram

Signal Word Warning

Hazard Statement(s)

H315	Causes skin irritation
H319	Causes serious eye irritation

Precautionary Statement(s)

P280	Wear protective gloves / protective clothing.
P264	Wash hands and exposed skin thoroughly after handling.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice / attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice / attention.

HMIS Classification

Health Hazard: 1

Flammability: 0

Physical Hazards: 0

NFPA Rating

Health Hazard: 1

Fire: 0

Reactivity Hazard 0

Other Hazards

N/A

3. Composition/Information on Ingredients

Chemical Name	Weight %	CAS Number
Sodium Carbonate	10 - 25	497-19-8
Fatty acids, tallow, sodium salts	2.5 - 10	8052-48-0
Fatty acids, coco, sodium salts	2.5 - 10	61789-31-9
Sodium dodecylbenzenesulphonate	2.5 - 10	25155-30-0

*This compound is a trade secret in accordance with provision 1910.1200 of the title of US Code Federal Regulations.

4. First Aid Measures

Description of First Aid Measures

Inhalation

Not a normal route of exposure. Dust residues will increase the likelihood of inhalation exposure. Existing asthma may be irritated by known allergies. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact

Wash hands or exposed skin with plenty of soap and water. Remove clothing immediately if contaminated by this product. If skin irritation or rash occurs and persists seek medical treatment.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present, and continue rinsing at least 15 minutes. If irritaion persists, obtain medical attention.

Ingestion Not a normal route of exposure. If conscious, alert, and not convulsing, rinse mouth with water. DO NOT induce vomiting. Give plenty of water to drink. Contact a POISON CENTER / hospital / physician immediately for medical advice or treatment. Provide this Safety Data Sheet to medical contact.

Most Important Symptoms/Effects

Inhalation Not a likely route of entry. If created, dusts of this product may cause irritation to the nose, throat, and respiratory tract resulting in a burning nostril sensation, coughing, difficulty breathing, dizziness, or headache.

Skin Contact Skin and mucous membrane irritation; skin rash, itching or burning sensation.

Eye Contact Eye irritation, redness, watering, itching, or burning sensation of eyes.

Ingestion Not a likely route of entry. May cause stomach distress resulting in nausea, vomitiing, difficulty swallowing, including gastric or intestinal disorders. A fragrant smell to breath.

Indication of Immediate Medical Attention or Special Treatment Needed

If the above first aid measures are not successful, if there is any difficulty breathing, or generally feeling unwell, contact a POISON CENTER / Hospital / Physician for medical advice / attention as needed.

5. Firefighting Measures

Suitable Extinguishing Media	Use water, spray foam, dry chemical, or carbon dioxide as suitable to surrounding conditions.
Unsuitable Extinguishing Media	N/A
Specific Hazards Arising from the Chemical	Combustion Products: Carbon dioxide, carbon monoxide, oxides of sulfur, VOCs
Special Protective Actions for Firefighters	Wear full protective clothing including a self-contained breathing apparatus approved by NIOSH.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Keep unnecessary personnel away. Provide good ventilation. Wear protective clothing. Wear rubber or Latex gloves when handling this product. Avoid contact with skin and eyes. Wash hands / skin after handling disks. This product forms a slippery surface when combined with water.

Environmental Precautions

Do not discharge this product into lakes, streams, ponds, stormwater sewers, runoff waters, public waters, or pubilic potable water systems.

Methods and Materials for Containment and Cleaning Up

Before attempting to clean up refer to hazard data given on this SDS. Sweep into appropriate solids disposal container without creating a dust or pick up mecanically. Send for recovery or disposal in suitable receptacles. Dispose any contaminated material as waste according to section 13 of document. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice as needed.

7. Handling and Storage

Precautions for Safe Handling

When handling disks use good industrial hygiene practices; provide good general ventilation, wear rubber or latex gloves when handling, do not eat or drink while handling this product. Respiratory protection is not normally required, but if in rare instances where individual is sensitive or exposure guidelines may be exceeded, increase ventillation or use an approved NIOSH respirator. Wash hands/skin after handling this product and before any breaks or meals.

Conditions for Safe Storage, Including any Incompatibilities

Store sealed container or product packaging in a cool and dry place away from incompatable materials, humidity, or water. Avoid abnormally high temperatures, sources of ignition, or open flames. Store this product away from foodstuffs and out of the reach of children and pets. Do not store this product with oxidizers or acidic materials.

8. Exposure Controls/Personal Protection

Exposure Limits

OSHA Permissable Exposure Limit (PEL): N/A

American Conference of Governmental Industrial Hygienists (ACGIH):	N/A
Threshold Limit Value (TLV):	N/A
Other Exposure Limit Recommended:	N/A

Note: This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls

Use of this product in a normally veltillated area is typically adequate.

Individual Protection Measures

Eye/Face Protection:	Wear safety glasses to avoid splash or contact with eyes when using this priduct. Wash hands using soap and water before touching eye or face area after using this product.
Skin Protection:	Use rubber or latex gloves if handling disk directly. If exposure to skin or hands occurs, wash exposed area using soap and water. If clothing becomes contaminated with this product remove clothing immediately and wash before reusing.
Respiratory Protection:	Respiratory protection is not normally required when using this product, but if in rare instances where individual is sensitive or exposure guidelines may be exceeded through exposure resudual dust from product, increase ventillation or use an approved NIOSH respirator.
General:	Handle this product in accordance with good industrial hyigene and safety practices. Do not eat or drink while using this product. Store this product away from foodstuffs, beverages, and feeds. Always wash hands with soap and water immediately after using this product or before taking breaks or meals.

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9. Physical and Chemical Properties

Physical State	Solid
Color	Blue, opaque
Odor	Green Apple fragrance
Odor Threshold	N/D**
pH	9.0 - 11.0 (1% solution)
Specific Gravity	1.7
Melting Point/Freezing Point	N/D
Initial Boiling Point	N/D
Flash Point	N/A**
Evaporation Rate	N/A
Flammability (solid/gas)	Does not sustain ignition, Non-Flammable
Upper/Lower Explosive Limits	N/D
Vapor Pressure	N/A
Vapor Density (Air=1)	N/A
Relative Density (20°C)	1.7 g / ml

Solubility	Slightly soluble in water
Partition Coefficient; n-octanol/water	N/D
Auto-Ignition Temperature	N/D
Decomposition Temperature	N/D
Viscosity	N/A
	**N/A: Not Available, N/D: Not Determined

10. Stability and Reactivity

Reactivity	This product reacts with strong oxidizing agents and strong acids.
Chemical Stability	Stable and no decomposition when stored in sealed container or packaging at normal temperatures and in a suitable location according to specifications. To avoid thermal decomposition, and the possibility of toxic fumes, do not overheat product.
Possibility of Hazardous Reactions	Hazadous polymerization will not occur.
Conditions to Avoid	Avoid direct sunlight and moisture. Avoid excessive heat and freezing conditions. Avoid storage with incompatible materials, open drums or packaging exposed to air, humidity, or water. Fragrance will evaporate over time and components of product may oxidize. Do not combine with other chemicals.
Incompatible Materials	Oxidizers, strong acids and bases.
Hazardous Decompostion Products	CO, CO_2, Oxides of sulfur (SO_x), and other organic vapors.

11. Toxicological Information

Likely Routes of Exposure	skin, ingestion, inhalation, and eyes through contact with hands
Symptoms related to physical, chemical, and toxicological characteristics	eye, mucous membrane, or skin irritation, inhalation of dusts of this product may cause irritation of the nose, throat, or respiratory tract, ingestion may cause stomach distress, nausea, or vomiting.
Delayed or Immediate exposure effects	eye, mucous membrane, or skin irritation, inhalation of dusts of this product may cause irritation of the nose, throat, or respiratory tract, ingestion may cause stomach distress, nausea, or vomiting. No sensitizing effects are known.
Chronic effects from short- and long-term exposure	N/A
Numerical measures/estimates of toxicity	N/A
Listed in the National Toxicology Program (NTP) Report	Not listed
Listed in the latest edition of the Report on Carcinogens	Not listed

Listed as a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs	Not listed
Listed as a potential carcinogen by OSHA	Not listed

12. Ecological Information

No specific eco-toxicological data and or biodegredation data has been determined for this preparation. Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

13. Disposal Considerations

Disposal Methods	Small, diluted amounts of this product may be diluted with plenty of water and washed away. Large amounts must be disposed of in accordance with observance to all International, Federal, Provincial, State, Local, and Municipal regulations. Residual materials should be treated as hazardous.

14. Transport Information

Not Regulated by DOT as dangerous goods.

15. Regulatory Information

(Safety, health, and environmental regulatons / legislation specific for the substance or mixture):

US Federal Regulations:

EPCRA: Section 355 (Extremely Hazardous Substances):	None of the ingredients are listed.
EPCRA/SARA 313/CERCLA/CAA §112(r) Consolidated List of Lists, (Specific Toxic Chemical Listings):	One component of this formulation, Sodium dodecylbenzene sulfonate (CAS # 25155-30-0), is listed as a CERCLA Hazardous Substance with a reportable release quantity of 1000 pounds..
TSCA (Toxic Substances Control Act):	All ingredients are listed.
IARC (International Agency for Research on Cancer):	None of the ingredients are listed.
US CWA Section 311 Hazardous Substances List :	Sodium dodecylbenzene sulfonate (CAS # 25155-30-0) is a listed substance in this products formulation.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):	Not Regulated
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:	Not Regulated
International Agency for Research on Cancer (IARC):	None of the ingredients are listed.
Threshold Limit Value (TLV) Established by ACGIH:	None of the listed components have established TLVs at this time.
National Institute for Occupational Safety and Health (NIOSH)	None of the ingredients are listed.

Canadian Regulations:

Canadian Domestic Substances List (DSL):	All of the ingredients are listed.
Canadian Ingredient Disclosure List (Limit 0.1%):	None of the ingredients are listed.
Canadian Ingredient Disclosure List (Limit 1%):	Sodium carbonate (CAS# 497-19-8) and sodium dodecylbenzenesulphonate (CAS# 25155-30-0).

State Regulations:

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT) Listed Substance:	None of the ingredients are listed.
US - California Hazardous Substances (Director's) Listed Substance:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - Illinois Chemical Safety Act Listed Substance:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - Louisiana Spill Reporting Listed Substance:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - New Jersey RTK - Listed Substance:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - New York Release Reporting - Hazardous Substance Listed:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - Texas Effects Screening Levels - Listed Substance:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - Massachusetts RTK - Substance Listed:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
US - Pennsylvania RTK - Hazardous Substance Listed:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed
Rhode Island RTK - Substance Listed:	
Sodium dodecylbenzene sulfonate (CAS # 25155-30-0)	Listed

Other:

Other Regulations, Limitations, and Prohibitive Regulations:	**This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.**
Substances of Very High Concern (SVHC) according to REACH, Article 57:	**None of the ingredients are listed.**
Chemical Safety Assessment:	**A chemical safety assessment has not been carried out.**

16. Other Information

Prepared By	EES, Inc. 127 Riverside Drive Cartersville, GA 30120 (800) 473-9467
Date of Latest Version	April 10, 2015
Sections of SDS Revised	Converted to GHS SDS standard format for newly formulated product.
Further Information	The information provided in this Safety Data Sheet is correct to the best our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the test.