

Bio-Enzymatic Urine Digester - Soft Linen ESG NZ

SAFETY DATA SHEET

SECTION 1: Identification

1.1 GHS Product identifier

Product name Bio-Enzymatic Urine Digester - Soft Linen ESG NZ

1.4 Supplier's details

Name Hospeco Brands Group
Address Cleveland OH 44143

Telephone 800-321-9832
Fax 800-362-0073
email www.hospecobrands.com

National contact

Name ESG Asia Pacific NZ
Address 61 Seaview Road
5040 Lower Hutt Wellington
New Zealand

Telephone +64 4568 4126

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H318 Causes serious eye damage

Precautionary statement(s)

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P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Water (CAS no.: 7732-18-5; EC no.: 231-791-2) CLASSIFICATIONS: No data available. HAZARDS: No data available.	> 85 - < 95 % (weight)
Viable Bacterial Culture* CLASSIFICATIONS: Sensitization, skin, Cat. 1A. HAZARDS: H317 - May cause an allergic skin reaction.	> 5 - < 10 % (weight)
Nonionic Surfactant* CLASSIFICATIONS: Eye damage/irritation, Cat. 1; Acute toxicity, oral, Cat. 4; Hazardous to the aquatic environment, short-term (acute), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage; H401 - Toxic to aquatic life.	> 0 - < 3 % (weight)
Fragrance* CLASSIFICATIONS: Hazardous to the aquatic environment, short-term (acute), Cat. 3; Acute toxicity, oral, Cat. 4; Hazardous to the aquatic environment, long-term (chronic), Cat. 3; Serious eye damage/eye irritation, Cat. 2; Skin corrosion/irritation, Cat. 2. HAZARDS: H302 - Harmful if swallowed; H315 - Causes skin irritation; H319 - Causes serious eye irritation; H402 - Harmful to aquatic life; H411 - Toxic to aquatic life with long lasting effects.	> 0 - < 1 % (weight)

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove to fresh air.
In case of skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions, see a physician.
In case of eye contact	Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician.
If swallowed	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

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Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease. Asthma. Skin disorders and Allergies.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

5.3 Special protective actions for fire-fighters

Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes

6.2 Environmental precautions

Refer to protective measures listed in Sections 7 and 8

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labelled containers. Soak up with inert absorbent material.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.
Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

None required for consumer use. If splashes are likely to occur, wear

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safety glasses with side-shields.

Skin protection

None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Appearance	Clear to hazy liquid
Color	clear to hazy
Odor	Characteristic aroma
Odor threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Not flammable
Lower and upper explosion limit/flammability limit	No data available
Flash point	>205F PMCC
Explosive properties	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Oxidizing properties	No data available
pH	6.5-8.5
Kinematic viscosity	As water
Solubility	Water soluble
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Evaporation rate	No data available
Density and/or relative density	1.0-1.01
Relative vapor density	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal processing.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Do not exposed to extreme temperatures for long periods of time. Close containers when not in use. Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

10.5 Incompatible materials

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no data available

10.6 Hazardous decomposition products

no data available

Water: In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

Causes skin irritation

Serious eye damage/irritation

Severe eye irritation.

Respiratory or skin sensitization

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Germ cell mutagenicity

no data available

Carcinogenicity

Contains no ingredient listed as a carcinogen.

Reproductive toxicity

no data available

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

SECTION 12: Ecological information

Toxicity

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

SECTION 13: Disposal considerations

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Disposal methods

Product disposal

This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.

Packaging disposal

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

California Prop. 65 Components

WARNING:

This product can expose you to chemicals including Acetaldehyde, which are known to the State of California to cause cancer, and Ethylene Glycol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Acetaldehyde (CAS 75-07-0) Listed: April 1, 1988

Ethylene oxide (CAS 75-21-8) Listed: July 1, 1987

California Proposition 65 - CRT: Listed date/Developmental toxin

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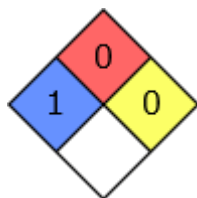
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Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015
Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009
California Proposition 65 - CRT: Listed date/Female reproductive toxin
Ethylene oxide (CAS 75-21-8) Listed: February 27, 1987
California Proposition 65 - CRT: Listed date/Male reproductive toxin
Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

HMIS Rating

Bio-Enzymatic Urine Digester - Soft Linen ESG NZ	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.