
Section 1 – Product and Company Identification

Product Identifiers:

Product Name: GSO Digester®
Product Use: Effectively removes Grease, Sludge and Odour

Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier: E-Organic Solutions Pte Ltd
11 North Buona Vista Drive Singapore 138589
UEN 201602991N
For Product Information: 91166856 (Kin) / 88680302 (Iren)

Section 2 – Hazards Identification

GHS Classification of Substance and Mixture: CAT 5**GHS Label Elements:**

Hazard pictogram(s): No Symbol
Signal word: Warning
Hazard statements: May be harmful if swallowed (Oral), Maybe be harmful in contact with skin (dermal), may be harmful if inhaled (inhalation)

Precautionary Statements: DO NOT eat, drink or smoke when using this product
WASH AFTER USE
KEEP OUT OF REACH OF CHILDREN

Section 3 – Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Rice Bran Extract	N.A., 7732-18-5, 107-88-0	66.0%
Rice Flour	N.A.	12.0%
Soybean meal extract	68308-36-1	13.0%
Corn Protein	9010-66-6	5.0%
Trace nutrient	N.A.	2.0%
Sodium chloride	7647-14-5	1.0%
Citric Acid	77-92-9	1.0%

Note: Ingredients not identified are proprietary or non-hazardous.

Section 4 – First Aid Measures

Eye contact: Rinse your eyes with water.
Ingestion: Induce vomiting. Consult a doctor if you experience any adverse reaction.
Skin contact: Wash with soap and water.
Inhalation: No special requirements.
Notes to physician: No specific antidote. Treat symptomatically.
General advice: If you feel unwell, seek medical advice. Ensure medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

Section 5 – Fire Fighting Measures

Flammable properties:	Non-flammable
Suitable extinguishing media:	Water fog, foam, dry chemical, CO ₂
Unsuitable extinguishing media:	Not available
Specific hazards arising from the chemical:	Container may melt and leak in heat of fire. Prevent run-off from firefighting to enter drains or water courses.
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Hazardous combustion products:	None known
Sensitivity to mechanical impact:	None known
Explosion data:	Not available
Sensitivity to static discharge:	Not available

Section 6 – Accidental Release Measures

Personal precautions:	Wash hands with soap and water after handling.
Environment precautions:	Avoid dispersal of spilled material and runoff in contact with soil, waterways, drains and sewers.
Methods of containment and Cleaning up:	Stop leak if without risk. Contain and collect spill by wiping up. Place in a suitable container for waste disposal.

Section 7 – Handling and Storage

Precautions for safe handling:	Put on appropriate personal protective equipment (refer to Section 8). Avoid contact with skin, eyes and clothing.
Storage:	Store product in a cool, dark and dry place, out of reach of children.

Section 8 – Exposure Controls / Personal Protection

Exposure guidelines:

Chemical Name	Occupational Exposure Limit (OEL)
Rice Bran Extract	Not available
Rice Flour	Not available
Soybean Meal Extract	Not available
Corn Protein	Not available
Trace Nutrient	Not available
Sodium Chloride	Not available
Citric Acid	Not available

Engineering Controls: General ventilation normally adequate

Personal protective equipment:

Eye/Face protection:	Safety glasses or goggles
Skin and body protection:	Rubber gloves
Respiratory protection:	Face mask
General hygiene consideration:	Handle in accordance with good industrial hygiene And safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

Section 9 – Physical and Chemical Properties

Appearance:	Natural cocktail of powder
Colour:	Light brown (natural rice bran colour)
Physical state:	solid
Odor:	Ferment rice smell
pH:	5.9
Melting point:	155°C
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability limits in air, Lower, % by volume:	No data available
Flammability limits in air Upper, % by volume:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	0.726g/cm ³
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Solubility:	1-25% in water
Incompatible materials	Copper and Chlorine (allowed under 4ppm) in water

Section 10 – Chemical Stability & Reactivity Information

Reactivity

Condition to avoid:	Avoid direct exposure to sunlight and direct source of heat
Incompatible materials:	None known

Chemical stability

Product stability	Stable under recommended storage conditions
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Other

Hazardous decomposition products:	Biodegradable, non-hazardous
Possibility of hazardous reactions:	None known

Section 11 – Toxicological Information

Primary eye irritation:	None known
Primary skin irritation:	Non-irritating
Acute oral (rats):	LD50> 2000 mg/kg
Acute Oral (fish):	LD50>2000 mg/kg
Acute Dermal:	No data available
Acute inhalation:	No data available
Sensitization:	Not a skin sensitizer
Chronic effects:	No data available
Carcinogenicity:	No data available
Mutagenicity:	No data available
Reproductive effects:	No data available
Teratogenicity:	No data available
Ecotoxicity:	No data available

Section 12 – Ecological Information

Environmental effects:	No data available
Aquatic toxicity:	None
Persistence/ degradability:	Ready Biodegradability 73% at 28 days (OECD Guideline Method 301D)
Bioaccumulation/accumulation:	No data Available
Partition coefficient:	No data available
Mobility in environmental media:	No data available
Chemical fate information:	No data available

Section 13 – Disposal Considerations

Waste Treatment Methods

Product waste	Dispose of content in accordance with local, regional national, and/ or international regulations
Packaging waste	Dispose of container in accordance with local, regional, national and/ or international regulations.

Section 14 – Transportation Information

UN Number	Non-Hazardous. Not regulated.
IMDG Class (sea)	Non-Hazardous. Not regulated.
IATA Class (air)	Non-Hazardous. Not regulated.
ADR (land)	Non-Hazardous. Not regulated.
Hazard Label(s)	Non-Hazardous. Not regulated.
Proper Shipping name(s)	Not regulated.



Section 15 – Regulatory Information

Applicable national regulations:
Not available

Section 16- Other Information

Last Revision Date: Aug 6, 2019

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.