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**Section 1 – Product and Company Identification**

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**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  
2 Venture Drive, #19-18, Vision Exchange,  
Singapore 608526  
**UEN** 201602991N  
**For Product Information:** 91166856 (Kin) / 88680302 (Iren)

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**Section 2 – Hazards Identification**

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**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

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**Section 3 – Composition / Information on Ingredients**

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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.

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**Section 4 – First Aid Measures**

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**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

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

### Section 6 – Accidental Release Measures

<b>Personal precautions:</b>	Wash hands with soap and water after handling.
<b>Environment precautions:</b>	Avoid dispersal of spilled material and runoff in contact with soil, waterways, drains and sewers.
<b>Methods of containment and Cleaning up:</b>	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

<b>Precautions for safe handling:</b>	Put on appropriate personal protective equipment (refer to Section 8). Avoid contact with skin, eyes and clothing.
<b>Storage:</b>	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.

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**Section 9 – Physical and Chemical Properties**

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

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**Section 10 – Chemical Stability & Reactivity Information**

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**Reactivity**

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

**Chemical stability**

<b>Product stability</b>	Stable under recommended storage conditions
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**Other**

<b>Hazardous decomposition products:</b>	Biodegradable, non-hazardous
<b>Possibility of hazardous reactions:</b>	None known

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**Section 11 – Toxicological Information**

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

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**Section 12 – Ecological Information**

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

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**Section 13 – Disposal Considerations**

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**Waste Treatment Methods**

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

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**Section 14 – Transportation Information**

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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.



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## Section 15 – Regulatory Information

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Applicable national regulations:  
Not available

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## Section 16- Other Information

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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.*