



## SEPTIC GUARD



Infosafe No.: CI0AW  
Issue Date : 18/01/2024  
Eco Green Solutions Pty Ltd

### 1. Identification

### SAFETY DATA SHEET

**GHS Product Identifier**

DRAIN PRO SEPTIC GUARD

**Product Code**

0010410

**Product Type**

Powder in sachet

**Company name**

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537)

**Address**

103-107 Potassium Street

QLD AUSTRALIA

AUSTRALIA Narangba

QLD AUSTRALIA

**Telephone/Fax Number**

Tel: 07 3204 8300

Fax: 07 3204 8311

**Emergency phone number**

13 1126 in Australia (AH)

**Recommended use of the chemical and restrictions on use**

Septic Tank Additive

### 2. Hazard Identification

**GHS classification of the substance/mixture**

Sensitisation - respiratory: Category 1

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Precautionary statement – General**

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

**Pictogram (s)**

Health hazard

**Precautionary statement – Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P284 [In case of inadequate ventilation] wear respiratory protection.

#### **Precautionary statement – Response**

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

#### **Precautionary statement – Disposal**

P501 Dispose of contents/container to an approved waste disposal plant.

#### **Other Information**

This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:20 or greater they no longer apply.

However, good hygiene and housekeeping practices should be adhered to.

### **3. Composition/information on ingredients**

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#### **Ingredients**

Name	CAS	Proportion
Cellulase Enzyme	9012- 54- 8	0- <10 %
Various	Various	0- = 100 %
Bacterial Spore	N/A	0- <10 %

### **4. First-aid measures**

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#### **First Aid Measures**

Eye wash station. Normal washroom facilities.

#### **Inhalation**

Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.

#### **Ingestion**

Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. If symptoms persist, seek medical attention.

#### **Skin**

Immediately wash contaminated skin with soap and plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if you feel unwell or if irritation, burning or redness persists.

#### **Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Immediately call a POISON CENTER/doctor

#### **First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

#### **Advice to Doctor**

Treat symptomatically.

#### **Other Information**

Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).

### **5. Fire-fighting measures**

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#### **Fire Fighting Measures**

Keep containers, exposed to extreme heat, cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.

#### **Suitable Extinguishing Media**

Use an extinguishing media suitable for surrounding fires

#### **Hazards from Combustion Products**

Non-combustible material. However, if involved in a fire will emit toxic fumes.

## 6. Accidental release measures

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### Emergency Procedures

Minor spills do not normally need any special clean-up measures. Risk of major spill is reduced while product is retained in dissolvable sachet. In the event of a major spill, increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Prevent spillage from entering drains or water-courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. If material is in contact with water, may result in a

slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

## 7. Handling and storage

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### Precautions for Safe Handling

Avoid eye contact with contents of dissolvable sachet. Wear gloves and protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep packaging closed at all times. Avoid physical damage to packaging. Wash hands with water after handling. Work clothes should be laundered. Launder contaminated clothing before re-use.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials.

## 8. Exposure controls/personal protection

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### Occupational exposure limit values

National Occupational Exposure Limits, as published by National Occupational Health & Safety

Commission:

Time-weighted Average (TWA):

None established for product.

Short Term Exposure Limit (STEL):

None established for product.

### Appropriate engineering controls

Risk of inhalation is reduced when product is contained in dissolvable sachet. If sachets are damaged or ruptured measures should be taken to reduce risk of inhalation. Where engineering controls are not effective than an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to relevant standards. For Australia and New Zealand AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices and AS/NZS 1716, Respiratory Protective Devices.

### Respiratory Protection

While subject to risk assessment, generally, not required for typical applications with contained material as per label directions. If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye Protection

While subject to risk assessment, generally, not required for typical applications with product contained in dissolvable sachet as per label directions. Safety glasses should be used for handling concentrate in quantity, cleaning up spills or broken sachets, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material such as butyl rubber, natural latex, neoprene, PVC and nitrile to handle in quantity, clean up spills or broken sachets, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance

### Body Protection

While subject to risk assessment, generally, not required for typical applications with contained material as per label directions. Suitable protective workwear, e.g. rubber or plastic apron, sleeves, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.

#### Other Information

No exposure standards have been established for this material, however, the TWA exposure standards for dust not otherwise specified is 10 mg/m<sup>3</sup>. As with all chemicals, exposure should be kept to the lowest possible levels. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. Source: Safe Work Australia

## 9. Physical and chemical properties

Properties	Description	Properties	Description
<b>Form</b>	Solid	<b>Appearance</b>	Powder enclosed in dissolvable sachet
<b>Colour</b>	Pink	<b>Odour</b>	Characteristic
<b>Freezing Point</b>	Not available	<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Partially soluble	<b>pH</b>	6.0- 8.0 in 1% solution of water
<b>Vapour Pressure</b>	Not available	<b>Viscosity</b>	Not available
<b>Volatile Component</b>	<5% v/v	<b>Flash Point</b>	Not flammable
<b>Flammability</b>	none		

## 10. Stability and reactivity

#### Reactivity

Stable at normal temperatures and pressure

#### Conditions to Avoid

Extremes of temperature and direct sunlight.

#### Incompatible materials

Acids, oxidizing agents.

#### Hazardous Decomposition Products

Thermal decomposition (burning) may result in the release of toxic and/or irritating fumes.

## 11. Toxicological Information

#### Toxicology Information

Not classified as toxic, based on ingredients. Oral LD50 (ATE calculated): >2000mg/kg

#### Ingestion

Ingestion may irritate the gastric tract causing nausea and vomiting

#### Inhalation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Skin

May cause an allergic skin reaction

#### Eye

Exposure to product within sachet may cause eye irritation.

#### Respiratory sensitisation

Classified as a Category 1 respiratory sensitizer due to enzymes

#### Skin Sensitisation

Not classified as a skin sensitizer. Contact with contents of dissolvable pods should be minimised.

#### Germ cell mutagenicity

Not considered to be a mutagenic hazard.

#### Reproductive Toxicity

Not considered to be toxic to reproduction

#### STOT-single exposure

Not expected to cause toxicity to a specific target organ.

#### STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

#### **Aspiration Hazard**

Not expected to be an aspiration hazard.

## **12. Ecological information**

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#### **Persistence and degradability**

Readily Biodegradable, based on ingredients.

#### **Mobility**

Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.

#### **Bioaccumulative Potential**

No bioaccumulation is expected.

#### **Other Adverse Effects**

Not available

## **13. Disposal considerations**

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#### **Disposal considerations**

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations

## **14. Transport information**

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#### **Transport Information**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

#### **U.N. Number**

None Allocated

#### **UN proper shipping name**

None Allocated

#### **Transport hazard class(es)**

None Allocated

#### **IMDG Marine Pollutant (MP)**

No

#### **Marine Pollutant**

No

## **15. Regulatory information**

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#### **Poisons Schedule**

N/A

## **16. Other Information**

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#### **Date of preparation or last revision of SDS**

18th January 2024

#### **References**

- Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia)
- GHS Hazardous Chemical Information List (Safe Work Australia)
- Guidance on the Classification of Hazardous Chemicals under the WHS Regulations
- Safe Work Australia
- Global Harmonized System of Classification and Labelling of Chemicals
- Australian Exposure Standards
- Australian Code For The Transport Of Dangerous Goods By Road And Rail

- Standard for the Uniform Scheduling of Medicines and Poisons
- Material Safety Data Sheets
- Individual raw materials
- Suppliers
- Approved Criteria for Classifying Hazardous Substances NOHSC
- Hazardous Substance Information System
- National Worksafe Data Base
- Hazardous Chemical Information System (HCIS).
- Implementation of the globally harmonised system of classification and labelling of chemicals (GHS).
- ECHA (European Chemicals Agency)

#### **Other Information**

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product. Particularly, how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

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## **END OF SDS**

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