

Material Safety Data Sheet:

# SLUDGEZAP I

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830 AS AMENDED BY UK REACH REGULATIONS SI 2019/758

## Section 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product identifier**

Product name SLUDGEZAP 1: Sludge Disgestor for Septic Tanks and Soil Stacks  
Product type Mixture

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s) For biological odour control and the removal of sludge, and organic matter in WCs, soil pipes, septic tanks, klagesters and other pipework  
Uses advised against Anything other than the above – Not for oral consumption or direct contact with food and beverages

**1.3 Details of the supplier of the safety data sheet**

Company Identification 16 George Young Street  
Auburn NSW 2144  
Australia  
Telephone 02 9738 7444  
E-mail (competent person) reception@cleanplus.com.au

**1.4 Emergency telephone number**

Emergency Phone No. 1800 201 700  
Only available during office hours.  
Monday to Friday 09.00 - 17.00, GMT  
Languages spoken: English

## Section 2: Hazards identification

**2.1 Classification of the substance or mixture**

**2.1.1 The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain** Not classified as hazardous for supply.

**2.2 Label elements**

The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain  
Product name SLUDGEZAP 1: Sludge Disgestor for Septic Tanks and Soil Stacks  
Contains: Not assigned  
Hazard Pictogram(s) Not assigned  
Signal Word(s) Not assigned  
Hazard Statement(s) Not assigned  
Precautionary Statement(s) Not assigned  
Supplemental information Not applicable

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**23 Other hazards**

The preparation contains microorganisms belonging to hazard group 1 as defined by the Advisory Committee on Dangerous Pathogens (ACDP) as unlikely to cause human disease. However, it should not be assumed that infection can never occur. People who are immunocompromised should not work with this product.

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**Section 3: Composition/information on ingredients**

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**31 Substances**

Not applicable

**32 Mixtures**

Substances in preparations / mixtures. According to Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard classification
Non-pathogenic bacteria	5 - 15	-	-	Not applicable	Not classified

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**Section 4: First aid measures**

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**41 Description of first aid measures**

Self-protection of the first aider

No action should be taken involving personal risk.  
Wear appropriate personal protective equipment.  
Avoid contact with skin and eyes. Avoid breathing dust  
IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.  
IF ON SKIN: Gently wash with plenty of soap and water.  
If irritation develops and persists, get medical attention.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.  
IF SWALLOWED: Rinse mouth. Give plenty of water to drink.  
Do NOT induce vomiting. IF exposed or concerned:  
Get medical advice/attention.

Inhalation

Skin contact

Eye contact

Ingestion

**42 Most important symptoms and effects, both acute and delayed**

None Known

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- 4.3 **Indication of any immediate medical attention and special treatment needed** Treat symptomatically

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**Section 5: Firefighting measures**

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- 5.1 **Extinguishing media**  
Suitable extinguishing media Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions: Foam, carbon dioxide, water or dry powder.  
Unsuitable extinguishing media Do not use water jet. Direct water jet may spread the fire.
- 5.2 **Special hazards arising from the substance or mixture** May give off noxious and toxic fumes in a fire. Combustion products: Carbon monoxide, Carbon dioxide.
- 5.3 **Advice for firefighters** Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

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**Section 6: Accidental release measures**

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- 6.1 **Personal precautions, protective equipment and emergency procedures** No action should be taken involving personal risk. Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation. Avoid breathing dust.
- 6.2 **Environmental precautions** Not applicable
- 6.3 **Methods and material for containment and cleaning up** Sweep up spilled substance. Avoid dust formation. Use vacuum equipment for collecting spilt materials, where practicable. Transfer to a container for disposal. Recover the product where possible. Wash the spillage area with water.
- 6.4 **Reference to other sections** See Also Section: 8, 13.

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**Section 7: Handling and storage**

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- 7.1 **Precautions for safe handling** Read label before use. Do not eat, drink or smoke during work. Wear appropriate personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands and exposed skin thoroughly after handling.

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72	<b>Conditions for safe storage, including any incompatibilities</b>	<p>Keep only in the original container in a cool, well-ventilated place away from: light, elevated temperature, humidity. Keep in a fridge or deep freeze in case of prolonged storage.</p> <p>Storage temperature: Stable at ambient temperatures.</p> <p>Incompatible materials: Recommended: &lt;30 °C to prolong storage life. None known</p>
73	Specific end use(s)	See Section: 1.2.

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## Section 8: Exposure controls/personal protection

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### 8.1 Control parameters

8.1.1	<b>Occupational exposure limits</b>	The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m <sup>3</sup> (8hr TWA) total inhalable dust; 4 mg/m <sup>3</sup> (8hr TWA) total respirable dust.
8.1.2	<b>Biological limit value</b>	Not established.
8.1.3	<b>PNECs and DNELs</b>	Not applicable

### 8.2 Exposure controls

8.2.1	<b>Appropriate engineering controls</b>	Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. A washing facility/water for eye and skin cleaning purposes should be present. Eyewash bottles should be available.
8.2.2	<b>Individual protection measures, such as personal protective equipment</b>	Keep good industrial hygiene. Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Do not eat, drink or smoke at the work place. Wash hands before breaks and after work.

**Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.**

**Eye/ face protection** Not normally required.  
Recommended: Wear eye protection with side protection.

**Skin protection** Hand protection: Not normally required  
Recommended: Wear rubber gloves.

Body protection: Not normally required  
Wear suitable working clothes.

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<b>Respiratory protection</b>	Not normally required. Recommended: An approved dust mask should be worn if dust is generated during handling.
<b>Thermal hazards</b>	Not applicable.
<b>823 Environmental exposure controls</b>	Not applicable

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Blue crystalline powder
Odour	No odour
Odour threshold	Not established
pH	7.0–8.0
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Not established
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	0.7–0.8 g/cm <sup>3</sup>
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidising properties	Not established

**9.2 Other information** None Known

## Section 10: Stability and reactivity

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Hazardous polymerisation will not occur.
<b>10.4 Conditions to avoid</b>	Do not mix with any other products / chemicals. Keep away from: light, elevated temperature, humidity, exposure to moisture.

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|------|---|---|
| 10.5 | <b>Incompatible materials</b>           | Strong acids, strong alkali, strong oxidising agents  |
| 10.6 | <b>Hazardous decomposition products</b> | Combustion products: Carbon monoxide, Carbon dioxide. |

## Section 11: Toxicological information

- |      |   |  |
|------|---|--|
| 11.1 | <b>Information on toxicological effects</b> |  |
|      | <b>Acute Toxicity - Ingestion</b>           | Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) >2,000 mg/kg.    |
|      | <b>Acute Toxicity - Inhalation</b>          | Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) > 5 mg/l (Dusts) |
|      | <b>Acute Toxicity - Skin contact</b>        | Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) >2,000 mg/kg.    |
|      | <b>Skin corrosion/irritation</b>            | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>Serious eye damage/irritation</b>        | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>Respiratory or skin sensitisation</b>    | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>Germ cell mutagenicity</b>               | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>Carcinogenicity</b>                      | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>Reproductive toxicity</b>                | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>STOT - single exposure</b>               | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>STOT - repeated exposure</b>             | Mixture: Based upon the available data, the classification criteria are not met.   |
|      | <b>Aspiration hazard</b>                    | Mixture: Based upon the available data, the classification criteria are not met.   |
| 11.2 | <b>Other information</b>                    | None.  |

## Section 12: Ecological information

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|-----|--------------------------------------|--|
| 121 | <b>Toxicity</b>                      | Mixture: Based upon the available data, the classification criteria are not met. Estimated LC50 (Mixture): > 100 mg/l. |
| 122 | <b>Persistence and degradability</b> | No data for the mixture as a whole.<br>This product is predicted to degrade in soil and water.                         |
| 123 | <b>Bioaccumulative potential</b>     | No data for the mixture as a whole.<br>Not anticipated to bioaccumulate.   |

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124	<b>Mobility in soil</b>	No data for the mixture as a whole.
125	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB. None of the substances in this product fulfil the criteria for being regarded as a PBT or vPvB substance.
126	<b>Other adverse effects</b>	None known.

## Section 13: Disposal considerations

131	<b>Waste treatment methods</b>	Disposal should be in accordance with local, state or national legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled. Recover or recycle if possible.
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## Section 14: Transport information

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA/ICAO</b>
141	<b>UN number</b>	Not classified as dangerous for transport.	
14.2	<b>UN proper shipping name</b>	Not classified	Not classified
14.3	<b>Transport hazard class(es)</b>	Not classified	Not classified
14.4	<b>Packing group</b>	Not classified	Not classified
14.5	<b>Environmental hazards</b>	Not classified	Not classified
14.6	<b>Special precautions for user</b>	See Section: 2	
14.7	<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable	
14.8	<b>Additional Information</b>	None	

## Section 15: Regulatory information

151	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
15.1.1	<b>EU regulations</b>	Authorisations and/or restrictions on use Not restricted
	<b>GB Regulations</b>	Not restricted
15.1.2	<b>National regulations</b>	Not restricted
152	<b>Chemical Safety Assessment</b>	A chemical safety assessment is not required under REACH.

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## Section 16: Other information

The following sections contain revisions or new statements: Not applicable - V1.0

### References:

Existing Safety Data Sheets (SDSs).  
Existing ECHA registration for Substances

**Classification:** This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830. Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

### Legend

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>CAS</b>	Chemical Abstracts Service
<b>DNEL</b>	Derived No Effect Level
<b>EC</b>	European Community
<b>ECHA</b>	European Chemicals Agency
<b>EU</b>	European Union
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>LC50</b>	Lethal concentration at which 50% of the population is killed
<b>LD50</b>	Lethal dose at which 50% of the population is killed
<b>LTEL</b>	Long Term Exposure Limit
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>PBT</b>	Persistent, Bioaccumulative and Toxic
<b>PNEC</b>	Predicted No Effect Concentration
<b>REACH</b>	Registration, Evaluation, Authorisation and Restriction of Chemicals
<b>RID</b>	Regulations concerning the international railway transport of dangerous goods
<b>STEL</b>	Short Term Exposure Limit
<b>TWA</b>	Time Weighted Average
<b>UN</b>	United Nations
<b>vPvB</b>	very Persistent and very Bioaccumulative

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

## Material Safety Data Sheet:

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### **Annex to the extended Safety Data Sheet (eSDS)**

Exposure scenarios for substances in this preparation are not available.