# IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: BioEnzyme Waste & Grease Digester

|  |  |
| --- | --- |
| **Synonyms** | **Product Code** |
| Waste & Grease Digester | 890 |

**Recommended use:** Maintain, treat and clean pipes, drains and grease traps

**Supplier Name CLEAN PLUS CHEMICALS PTY LTD**

**Address** 16 George Young Street AUBURN NSW 2144

**Telephone** 02 9738 7444

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**SDS Date** 12 AUGUST 2024 Version 1.2

# HAZARDS IDENTIFICATION

## Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA REGULATIONS

## GHS classification(s)

Skin Corrosion/Irritation: Category 2

Serious Eye Damage / Eye Irritation: Category 2A

## Label elements

**Signal word WARNING Pictogram(s)**

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**Hazard statement(s)**

H315 H319

Causes skin irritation. Causes serious eye irritation.

## Prevention statement(s)

P264 P280

## Response statement(s)

P302 + P352

P305 + P351 + P338

P321

P332 + P337 + P313 P362

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment is advised - see first aid instructions.

If skin or eye irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before re-use.

**Storage statement(s)**

None allocated.

## Disposal statement(s)

None allocated.

## Other hazards

No information provided.

# COMPOSITION/ INFORMATION ON INGREDIENTS

## Substances / Mixtures

|  |  |  |
| --- | --- | --- |
| **Ingredient** | **CAS Number** | **Content** |
|  alcohols C12-15 ethoxylated  | 68131-39-5  | 1-10% |
| Ammonium lauryl sulfate | 2235-54-3 | <1% |
| Triethanolamine | 102-71-6 | <1% |
| Nitrilotriacetic acid | 139-13-9 |  <1% |
| Ingredients determined not to be hazardous  | Not Available | balance |

1. **FIRST AID MEASURES**
	1. **Description of first aid measures**

**Eye**

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**First aid facilities** Eye wash facilities and safety shower should be available.

## Most important symptoms and effects, both acute and delayed

Irritating to the eyes and skin.

## Immediate medical attention and special treatment needed

Treat symptomatically.

# FIRE FIGHTING MEASURES

## Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

## Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

## Advice for firefighters

Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

## Hazchem code

None allocated.

# ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

* 1. **Environmental precautions**

Prevent product from entering drains and waterways.

## Methods of cleaning up

If spilt (bulk), mop up area. CAUTION: Spill site may be slippery.

## Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

# HANDLING AND STORAGE

## Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

## Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

## Specific end use(s)

No information provided.

# EXPOSURE CONTROLS / PERSONAL PROTECTION

## Control parameters Exposure standards

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredient** | **Reference** | **TWA** | **STEL** |
| **ppm** | **mg/m³** | **ppm** | **mg/m³** |
| Lauryl Alcohol, ethoxylated | SWA (AUS) | 25 | 17 | 35 | 24 |
| Ammonium lauryl sulfate | SWA (AUS) | -- | 10 | -- | -- |
| Triethanolamine | SWA (AUS) | -- | 2 (Peak) | -- | -- |

**Biological limits**

No biological limit values have been entered for this product.

## Exposure controls

**Engineering controls** Avoid inhalation. Use in well ventilated areas. Maintain vapour levels below the recommended exposure standard.

**PPE**

**Eye / Face** Wear safety glasses.

**Hands** Wear PVC or rubber gloves.

**Body** Not required under normal conditions of use

# PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

|  |  |
| --- | --- |
| **Appearance****Odour****Evaporation rate** **pH****Vapour density** **Specific gravity**  **Solubility (water)** **Vapour pressure** **Upper explosion limit** **Lower explosion limit Partition coefficient****Autoignition temperature Decomposition temperature Viscosity****Explosive properties Oxidising properties** **Odour threshold** | RED LIQUIDLEMONNOT AVAILABLE9.0 – 11.0NOT AVAILABLE1NOT AVAILABLENOT RELEVANTNOT RELEVANTNOT AVAILABLENOT AVAILABLENOT AVAILABLENOT AVAILABLENOT AVAILABLENOT AVAILABLE |

#  STABILITY AND REACTIVITY

## Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

## Chemical stability

Stable under recommended conditions of storage.

## Possibility of hazardous reactions

Polymerization is not expected to occur.

## Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

## Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites) and acids (e.g. nitric acid).

## Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

# TOXICOLOGICAL INFORMATION

## Information on toxicological effects

**Acute toxicity Information available for the product:**

Based on available data, the classification criteria are not met.

## Information available for the ingredient(s):

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredient** | **Oral Toxicity (LD50)** | **Dermal Toxicity (LD50)** | **Inhalation Toxicity (LC50)** |
| ALCOHOLS C12-15 ETHOXYLATED  | 1600 mg/kg (rat)  | > 2000 mg/kg (rabbit)  | >1.6 MG/14h  |
| TRIETHANOLAMINE  | 2200 mg/kg | >16000 mg/kg | - |
| AMMONIUM LAURYL SULFATE  | - | - | - |
| NITRILOTRIACETIC ACID  | 1100 mg/kg | >10000 mg/kg | - |

**Skin** Contact may result in irritation, redness, pain and rash.

**Eye** Contact may result in irritation, lacrimation, pain and redness.

**Sensitization** Not classified as causing skin or respiratory sensitisation.

## Mutagenicity Not classified as a mutagen.

## Carcinogenicity Not classified as a carcinogen.

## Reproductive Not classified as a reproductive toxin.

## STOT – single exposure

STOT – repeated exposure

## Aspiration

Over exposure may result in mucous membrane irritation of the respiratory tract, coughing, nausea, dizziness and headache.

Not classified as causing organ damage from repeated exposure. Adverse effects are generally associated with single exposure.

Not classified as causing aspiration.

1. **ECOLOGICAL INFORMATION**
	1. **Toxicity**

No information provided.

## Persistence and degradability

LOW

## Bioaccumulative potential

LOW

## Mobility in soil

LOW

# DISPOSAL CONSIDERATIONS

## Waste treatment methods

**Waste disposal DO NOT** allow wash water from cleaning or process equipment to enter drains.
It may be necessary to collect all wash water for treatment before disposal.
In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.
Where in doubt contact the responsible authority.
Recycle wherever possible.
Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or incineration in a licensed apparatus (after admixture with suitable combustible material).
Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

**Legislation** Dispose of in accordance with relevant local legislation.

# TRANSPORT INFORMATION

## NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

|  |  |  |  |
| --- | --- | --- | --- |
|  | **LAND TRANSPORT (ADG)** | **SEA TRANSPORT (IMDG / IMO)** | **AIR TRANSPORT (IATA / ICAO)** |
| **14.1 UN Number** | None Allocated | None Allocated | None Allocated |
| **14.2 Proper Shipping Name** | None Allocated | None Allocated | None Allocated |
| **14.3 Transport hazard class** | None Allocated | None Allocated | None Allocated |
| **14.4 Packing Group** | None Allocated | None Allocated | None Allocated |

* 1. **Environmental hazards** No information provided

## Special precautions for user

**Hazchem code** None Allocated

# REGULATORY INFORMATION

## Safety, health and environmental regulations/legislation specific for the substance or mixture

**Poison schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

## Classifications

**Hazard codes Risk phrases Safety phrases**

Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].

Xi Irritant

R36/38 Irritating to eyes and skin. S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves and eye/face protection.

## Inventory listing(s)

**AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**

All components are listed on AICS, or are exempt.

# 16. OTHER INFORMATION

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.