

SAFETY DATA SHEET

PRODUCT NAME: Bacterial Tablet (Treatment Pack)

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	Bacterial Tablet (Treatment Pack)
Product Description/ Use	Bacterial Tablet for Treatment of Grease Traps, Septic Tanks and Waste Water
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-466 1885

2. HAZARDS IDENTIFICATION
Classification of the product:
Skin Corrosion/Irritation (Category 3): Causes mild skin irritation Serious Eye Damage/Eye Irritation (Category 2B): Causes eye irritation
Label Elements:
Pictograms: N/A
Signal Words: Warning
Hazard Statements: H316 Causes mild skin irritation H320 Causes eye irritation
Precautionary Statements: P264 Wash skin and hands thoroughly after handling. P332+P313 IF SKIN irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P337+P313 IF eye irritation persists: Get medical advice/attention.

3. COMPOSITION/ INFORMATION ON INGREDIENTS		
Component	CAS Number	Weight %
Sodium Percarbonate	15630-89-4	<20%
Non Hazardous Components (Nutrients, Binders, Spores)	N/A	>80%

4. FIRST AID MEASURES	
Inhalation	Keep patient calm, remove to fresh air.
Skin Contact	Drench the skin with plenty of water for 15 minutes; use a mild soap if available. Remove contaminated clothing and wash before reuse. If

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	large areas of the skin are damaged or if irritation persists, seek medical attention.
Eye contact	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open.
Ingestion	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
Note to physician	Treat according to symptoms no known specific antidote.

5. FIRE-FIGHTING MEASURE

Extinguishing media	Use water, dry chemical, foam, or carbon dioxide to extinguish fire. Water should be used to cool fire-exposed containers, structures and to protect personnel. Use water to dilute spills and to flush them away from sources of ignition.
Specific Hazards arising from substance or mixture	None known
Advice for Fire Fighters	Protective equipment for fire-fighting: Wear a self-contained breathing apparatus.
Further Information	The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective clothing. Information regarding personal protective measures see, section 8.
Environmental precautions	No risk is expected to result. No precautions required.
Methods for cleaning up recovery	If dry, vacuum or dry sweep spilled material and place in closed plastic bags for disposal. If wet, place wet material in a drum or bucket lined with a plastic bag. The bag should not be tightly closed. Allow the bag to aerate for 24 hours before disposal. Disposal bag should be pin holed near the top to avoid bursting if carbon dioxide or oxygen gas is evolved. Wash spill site with water. If bacterial contamination is an issue use suitable disinfectant to kill the bacillus subtilis.
Neutralisation and disposal of spillage	None

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7. HANDLING AND STORAGE	
Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not get in eyes. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools.
Storage	Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Store at ambient or lower temperature. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage. Empty containers may contain toxic, flammable and explosive residue or vapours. Do not cut, grind, drill, or weld on or near containers unless precautions are taken against these hazards.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION
Exposure Limits: Not known for mixture. Exposure in regular use should be minimal due to nature and usage of product.
Personal Protective Equipment: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.
<u>Respiratory protection:</u> Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of dust release.
<u>Hand protection:</u> Chemical resistant protective gloves
<u>Eye protection:</u> Tightly fitting safety goggles (chemical goggles).
<u>Body protection:</u> Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Form	Tablet
Colour	Brown
Odour	Musty
Total CFU/gram	1 billion CFU/g
PH Value	7.0-8.0 (5%)
Boiling point/ boiling range (°c)	N/A
Flash point (°c)	N/A
Solubility	Soluble in water
Viscosity at 20°C	N/A
Specific gravity at 20°C	N/A

10. Stability and reactivity	
Stability and possible hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions/ materials to avoid	Extreme high temperature (>200°C)
Hazardous decomposition	No decomposition if used and stored in accordance with provisions for use.

11. Toxicological information	
*LD 50 test on animals available on certain raw materials in product on request	
Acute Effects	Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhoea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.
Chronic Effects	Not known

12. Ecological information	
Toxicity	No adverse effects expected
Persistence/ Biodegradability	Product components are biodegradable
Mobility in Soil	Not known
Additional Information	Product is not expected to have any negative effects during normal use and should impart a positive biological effect on waste water.

13. Disposal considerations	
Disposal of chemical product	Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.

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Disposal of contaminated packaging	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorised use of used containers.
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14. Transport regulations

Not classified as hazardous for transport

15. REGULATORY INFORMATION

Labeling accordance with SANS 10234 latest revision.	OHS Act, 1993(Act No. 85 of 1993). Hazardous Substance Regulation of 1995
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Precautionary Statements	P264 Wash skin and hands thoroughly after handling. P332+P313 IF SKIN irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P337+P313 IF eye irritation persists: Get medical advice/attention.

16. ADDITIONAL INFORMATION (E.G. SPECIAL TRAINING OR RESTRICTIONS ON THE PRODUCTS USE)

Refer to product data sheet for product use directions

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