Bactallion (PTY)Ltd
2016/212379/07
Plot 219, Modderfontein, Rustenburg / 4 Chopin Street, Clarinet, Witbank
chris@bactallion.com| sales.rtb@bactallion.com

SAFETY DATA SHEET
BACTALLION FAT TRAP AND SEPTIC TANK TABS – SEPTEMBER 2025

(According to Regulation (EC) No 1907/2006 and ISO 11014-1)

1. PRODUCT AND COMPANY IDENTIFICATION

Brand name: BACTALLION
Product name: Bactallion Malto blue septic tabs
Use of Product: Fat Trap and Septic Tank Biological Tabs for degradation of FOG (Fat, Oil and Grease); Sewerage Solids and Odour Control
Company: **BACTALLION(PTY) LTD**
Private Bag X7620 Witbank
Emergency Telephone No: Phone +27 (0) 82 903 3658

2. HAZARDS IDENTIFICATION

Hazards description:

EC Classification according to Directive 1999/45/EC: Classification			Hazards characteristics
R R36/38			Irritating to eyes and skin
R24/25			Avoid inhalation
R17			Keep away from combustible materials especially solvents
R8			Contact with combustible material or solvents may cause a fire
H333	Inhalation	3	May be harmful if inhaled over prolonged period
H316	Skin Irritation	3	Causes mild skin irritation
H320	Eye irritation	2B	May cause eye irritation
H303	Ingestion	5	May be harmful if ingested

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Name	CAS No.	EC No.	Content
Sodium Percarbonate	15630-89-4	239-707-6	<18%
Nutrient: malto dextrin	9050-36-6	232-940-4	<13%
Polyethylene glycol	25322-68-3	500-038-2	<13%
Non-Pathogenic Bacterial Spores Bacillus Subtilis	n.a	n.a.	<28%
Non-Pathogenic Bacterial Spores Bacillus Licheniformis	n.a	n.a.	<28%

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4. FIRST-AID MEASURES

After inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid, seek medical attention.
After skin contact: Drench the skin with plenty of water; use a mild soap if available.
After eye contact: *Remove contact lenses.* Rinse out with plenty of water with the eyelid held *wide open. Seek medical attention if necessary.*
After swallowing: *Wash mouth out with water. Do not induce vomiting. If patient is conscious give*

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: *Water*
Special risks: *None.*
Special protective equipment for firefighting: *Self-contained breathing apparatus*
Other information: None.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures: *Wear appropriate PPE – See section 8.*
Environmental-protection measures: *The bacteria and carriers are naturally occurring and should not pose an environmental risk.*
Procedures for cleaning / absorption: *If dry, vacuum or dry sweep pilled 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.*

7. HANDLING AND STORAGE

Handling: Good general ventilation; Avoid creating dust;
Storage: Store in a dry area
Suitable Packaging: HDPE/PVC containers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures*:* Not applicable
Hygiene measures*: Wash hands after handling*
Personal protective equipment:

Eye protection: *Safety glasses*
Hand protection: Gloves

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Industrial hygiene: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state*:* Solid tablet
Colour*:* Brown
Odour*:* Mildly Musty
Boiling point*:* Not applicable
Melting point*:* Not applicable
Flash point: *Not applicable*
Specific Gravity:R8 *Not applicable*
Vapor pressure: *None*
Solubility in water*:* Partially insoluble
Relative density*:* 1,3 g/ml at 25oC
Flash-point*:* Not applicable
pH: 7.0 to 7.9 (5% suspension)

10. STABILITY AND REACTIVITY

Stability*:* Stable under normal storage and handling conditions. Keep away from moisture when storing.
Conditions to avoid: Accumulation of product in enclosed spaces and generation of dust. High temperatures (>200℃) treatment or calcining. Avoid alteration of product properties before use. Calcining, which may result in gas formation, or mixing with additives may alter toxicological and chemical properties.
Materials compatible:
Materials partly compatible: Keep away from combustible solvents
Hazardous decomposition products: None.
Further information: None.

11. TOXICOLOGICAL INFORMATION

Toxological effects :Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. 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.

The LD50/LC50 values mentioned refer to concentrates of the individual raw materials. (IUCLID) LD50/LC50:		
Sodium carbonate:	Oral Acute, rat	: LD50 = >4090mg/kg
Oral Acute, mouse		: LC50 = 6600 mg/kg
Dust Inhalation Acute, rat:		: LC50 = 2300 mg/m2

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12. ECOLOGICAL INFORMATION

No quantitative data is available for the finished product as the individual components do not form a complex compound and are soluble and individually mobile both in the concentrate and in the dilutions as recommended for intended use. When dosing always adhere to environmental limits for the individual components in the country of intended use.
Mobility: Partially insoluble in water
Persistence/degradability: The resulting solution is readily degradable
Bio accumulative potential: Bacillus Subtilis is naturally occurring bacteria and therefore no bio-accumulative potential is expected.
Further ecological data: Not known

13. DISPOSAL CONSIDERATIONS

Methods of disposal: Disposal of as special waste in compliance with local and national regulations.
Contaminated packaging: Empty containers should be taken for recycling, recovery or waste disposal in compliance with local and national regulations

14. TRANSPORT INFORMATION

Not Subject to transport regulations.
Land transport (ADR/RID): *No special regulations a*pply
Sea transport (IMDG): *No special regulations apply*
Air transport (ICAO-IATA/DGR): *No special regulations apply*

15. REGULATORY INFORMATION

Labelling EC:
Symbols: ***NEEDS SYMBOLS***
R-phrases:
8 – Contact with combustible material or solvents may cause a fire.
S-phrases: 36/38 irritating to eyes and skin; 3 Keep in cool place; 17 Keep away from combustible materials especially solvents; 24/25 Avoid contact with skin and eyes; 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

The information in this safety data sheet is correct to the best of our knowledge, information and belief, at the date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release of bulk concentrate, and is not to be considered a warranty or quality specification. The information

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relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

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