

SAFETY DATA SHEET

Summit Bridge — Drain Powder

Reg. (EC) No 1907/2006 (REACH) – Annex II | Reg. (EC) No 1272/2008 (CLP/GHS)

Issue: Summit Bridge Version 1.0 | Issue Date: May 2026 |

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Field	Detail
Trade Name	Drain Powder
Product Type	Biological effluent treatment preparation – liquid concentrate
UFI	Not assigned – not required (mixture is not classified as hazardous; see Section 2)
CAS No.	Not applicable (mixture)

1.2 Relevant Identified Uses / Uses Advised Against

Identified Uses: Super-concentrate for the formulation of products. Bioaugmentation additive for the treatment of fat traps, grease interceptors, drain systems and food-based effluent systems. Biological effluent treatment for commercial kitchens, food processing and the hospitality sector.

Uses Advised Against: Not for use in petrochemical, oil-associated or hydrocarbon-contaminated water streams. Not for human or animal consumption. Not for direct therapeutic use.

1.3 Details of the Supplier

Company: Summit Bridge Limited (Reg. HE 488349), Limassol, Cyprus

Address: LORDOS CENTER, BLOCK B, Floor 2, Flat/Office 203, Makariou III & Vyronos, 3105 Limassol, Cyprus

Telephone: +44 7742 244797 **Email:** info@summitbridge-global.com

1.4 Emergency Telephone

24-hour emergency contact – +44 7742 244797 For medical emergencies contact local emergency services.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Mixture (Regulation (EC) No 1272/2008 – CLP)

NOT CLASSIFIED as hazardous under Regulation (EC) No 1272/2008 (CLP).

The only component carrying a hazard classification is the proprietary stabilisation mix (Skin Corr. 1A at substance level), present at 0.1–1.0% m/m. By the CLP additivity method it does not meet the thresholds for skin corrosion or serious eye damage. For the skin- and eye-irritation endpoints the outcome is concentration-dependent within the disclosed range: the mixture is not classified provided the stabilisation mix is below 1.0% w/w (see Section 16 for the full basis and the boundary condition).

2.2 Label Elements (CLP/GHS)

Element	Detail
Signal Word	None – mixture is not classified as hazardous
GHS Pictogram(s)	None required
Hazard Statements	None – no H-statements apply to this mixture
Precautionary Measures (good practice)	Although not classified, the following are recommended given the proprietary stabilisation mix: P264 Wash hands thoroughly after handling; P280 Wear eye protection (goggles recommended); P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses if present, continue rinsing; P501 Dispose of contents/container per local regulations.

2.3 Other Hazards

PBT/vPvB: This mixture does not contain substances meeting PBT or vPvB criteria (REACH Annex XIII). No endocrine-disrupting properties identified. All components are readily biodegradable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Component	CAS No.	EC No.	% m/m	CLP Classification (substance level)	REACH Status
Proprietary stabilisation mix	N/A (proprietary)	N/A	0.1–1.0	Skin Corr. 1A H314 (substance level). Below mixture skin-corrosion / eye-damage thresholds at this loading – see Section 16	Composition confidential (REACH Art. 24 – available to downstream users under a confidentiality agreement). Substances within to be registered/exempt – confirm with supplier
Quinoline Yellow colourant (Food Yellow 13 / E104)	To be confirmed	305-897-5	0.001–0.010	Not classified at this concentration (de minimis)	Trace colourant, below importer registration threshold – confirm registration status with supplier
Xanthan gum	11138-66-2	234-394-2	0.01–0.10	Not classified (natural polysaccharide)	Polymer – exempt from REACH registration (polymers exempt under Art. 2(9))
Bacterial mixture – Bacillus spp. environmental isolates (strains B006, D005, D014); non-GMO; food-grade	N/A	N/A	Balance	Not classified. Characterised by the supplier as biosafety level 1 (BSL-1)	Outside REACH scope (live micro-organisms are not “substances” under REACH Art. 3)

The composition of the proprietary stabilisation mix is commercially confidential; under REACH Article 24 the full composition is available to downstream users under a confidentiality agreement. The mixture contains no SVHC above the 0.1% threshold. All components are readily biodegradable (OECD 301). The proprietary stabilisation mix is the only component carrying a hazard classification; its contribution to the mixture is assessed in Section 16. Bacterial strains are characterised by the supplier as BSL-1 environmental isolates.

SECTION 4: FIRST-AID MEASURES

Route of Exposure	First-Aid Action	Symptoms
Inhalation	Remove to fresh air. Keep at rest in a comfortable position. Seek medical attention if symptoms persist.	No specific inhalation hazard under normal use
Skin contact	Remove contaminated clothing. Wash affected area with soap and water for at least 10 minutes. Seek medical advice if irritation persists.	Mild irritation possible from the proprietary stabilisation mix
Eye contact	Rinse cautiously with clean water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Seek medical attention if irritation or pain persists.	Possible redness or lacrimation; avoid eye contact as a precaution
Ingestion	Do NOT induce vomiting. Rinse mouth with water. Seek medical attention. Show this SDS to attending personnel.	Nausea, gastric discomfort possible

Most important symptoms/effects: Eye contact is the main precautionary concern; mild skin irritation possible from the proprietary stabilisation mix. No classified health hazard. Medical attention not normally required for skin contact.

SECTION 5: FIRE-FIGHTING MEASURES

- Suitable extinguishing media: Water spray. Use agent appropriate to the surrounding fire.
- Unsuitable extinguishing media: None specifically identified.
- Special hazards: Product is not flammable (aqueous mixture) and presents no specific fire hazard. No hazardous combustion products under normal use.

- Protective equipment for fire-fighters: Standard protective clothing. SCBA only if significant smoke or vapour is present from a surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions: Wear eye protection and gloves as a precaution; avoid contact with eyes.
- Environmental precautions: Prevent entry into drains or watercourses in large quantities. Minor spills are unlikely to cause environmental harm; all components are biodegradable.
- Containment and clean-up: Absorb with inert material or collect with mop/cloth. Transfer to a suitable container for disposal. Wash area with water.
- Reference to other sections: See Section 8 for personal protection; Section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- Wear eye protection when handling and avoid direct contact with eyes (good practice).
- Wear gloves as a precaution against skin irritation from the proprietary stabilisation mix.
- Do not eat, drink or smoke during handling. Wash hands after handling.

7.2 Conditions for Safe Storage

- Store in cool, dark, ambient conditions away from direct sunlight.
- Keep container tightly closed when not in use to preserve biological activity.
- Recommended storage temperature: 5 °C – 25 °C. Shelf life: as indicated on the product label (24 months from manufacture).

7.3 Specific End Use(s)

Biological effluent treatment preparation for fat traps, grease interceptors and drain systems. Use in accordance with the product technical data sheet and supplier dosing instructions.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters – Occupational Exposure Limits

No established EU occupational exposure limits for this mixture or its components at the concentrations present. Given component concentrations of 0.1–1.0%, no OEL is likely to be relevant under normal use. Apply the ALARA principle.

8.2 Exposure Controls / PPE

Control	Measure
Engineering Controls	General dilution ventilation is sufficient for normal use. No special ventilation required. Provide an eye-wash station in work areas.
Respiratory Protection	Not required under normal use conditions.
Hand Protection	Gloves recommended as a precaution (nitrile or latex). Not strictly required for brief incidental contact.
Eye Protection	Safety goggles (EN 166) recommended as good practice; safety spectacles as a minimum.
Skin / Body Protection	Normal work clothing. Remove and wash contaminated clothing before reuse.
Environmental Controls	Prevent large-volume releases to watercourses. Product is biodegradable and poses minimal environmental risk at use concentrations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
Appearance	Yellowish-brown liquid	Odour	Natural, mild acidic
Odour threshold	Not determined	pH	4.80 ± 0.10

Property	Value	Property	Value
Melting/freezing point	Not applicable	Boiling point	~100 °C (aqueous mixture)
Flash point	Not applicable (not flammable)	Flammability	Not classified
Explosive properties	None	Oxidising properties	None
Vapour pressure	Not determined	Vapour density	Not determined
Relative density	1.000 g/ml ± 0.2	Solubility in water	Dissipates in water
Partition coeff. (log K _{ow})	Not determined	Auto-ignition temp.	Not applicable
Viscosity	13.20 cP	Evaporation rate	Not determined

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity: No specific reactivity hazards identified under normal conditions of use.
- 10.2 Chemical stability: Stable under recommended storage and handling conditions. Biological activity may degrade at elevated temperatures or with prolonged exposure to light.
- 10.3 Possibility of hazardous reactions: None known under normal use conditions.
- 10.4 Conditions to avoid: Extreme heat, direct sunlight, freezing temperatures (may affect biological activity).
- 10.5 Incompatible materials: Strong oxidising agents; strong acids or alkalis (may affect biological activity and product stability).
- 10.6 Hazardous decomposition products: None known under normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Endpoint	Result	Notes
Oral toxicity	Not classified	No data indicating classification; product not for ingestion
Dermal toxicity	Not classified	No systemic dermal toxicity expected at use concentrations
Inhalation toxicity	Not classified	Aqueous liquid; vapour generation under ambient conditions is negligible
Skin corrosion/irritation	Not classified	Stabilisation mix at 0.1–1.0%: additivity threshold not met below 1.0% loading (Section 16)
Serious eye damage/irritation	Not classified	As above; avoid eye contact as a precaution
Respiratory/skin sensitisation	Not classified	No sensitising components identified
Germ cell mutagenicity	Not classified	No data indicating classification
Carcinogenicity	Not classified	No component classified as carcinogen under CLP/IARC
Reproductive toxicity	Not classified	No data indicating classification
STOT – single exposure	Not classified	No STOT SE classification warranted
STOT – repeated exposure	Not classified	No data indicating classification
Aspiration hazard	Not classified	Aqueous liquid; aspiration hazard not applicable

SECTION 12: ECOLOGICAL INFORMATION

Parameter	Result	Notes
12.1 Toxicity – fish	Not classified	No aquatic toxicity at use-level concentrations
12.1 Toxicity – daphnia	Not classified	No classification warranted at use concentrations
12.1 Toxicity – algae	Not classified	No data indicating algal toxicity at use concentrations
12.2 Persistence / Degradability	Readily biodegradable	All components readily biodegradable (OECD 301)

Parameter	Result	Notes
12.3 Bioaccumulation	Not expected	No bioaccumulation anticipated for any component
12.4 Mobility in soil	Mobile	Aqueous mixture; components biodegrade rapidly in soil
12.5 PBT/vPvB assessment	Not PBT / Not vPvB	No component meets PBT or vPvB criteria (Annex XIII)
12.6 Endocrine-disrupting properties	None identified	No components on EU endocrine-disruptor lists
12.7 Other adverse effects	None identified	Active components are naturally occurring bacterial isolates

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

- Dispose of product residues in accordance with national and local regulations (Directive 2008/98/EC – Waste Framework Directive).
- Diluted or used product: may be disposed of to sewer in accordance with local trade-effluent consent conditions.
- Concentrated unused product: dispose of as liquid waste via a licensed waste contractor.
- European Waste Catalogue (EWC) Code: 07 07 99 – confirm with waste contractor.

Packaging disposal: Rinse empty containers thoroughly with water. Recycle clean plastic packaging per local schemes.

Contaminated packaging: dispose as liquid waste packaging.

SECTION 14: TRANSPORT INFORMATION

Parameter	ADR/RID (Road/Rail)	IMDG (Sea)	IATA (Air)
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	N/A	N/A	N/A
Transport Hazard Class	N/A	N/A	N/A
Packing Group	N/A	N/A	N/A
Environmental Hazards	Not a marine pollutant	Not a marine pollutant	N/A
Special Precautions	Keep upright. Protect from extreme temperatures.	Keep upright. Protect from extreme temperatures.	Standard cargo precautions

Bulk transport (MARPOL Annex II / IBC Code): Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations

Regulation / Directive	Status / Notes
REACH – Reg. (EC) No 1907/2006	Prepared in accordance with REACH Annex II (as amended by Reg. (EU) 2020/878). Non-proprietary substances are registered or exempt; the proprietary stabilisation mix composition may be withheld under REACH confidentiality provisions (Article 24).
CLP – Reg. (EC) No 1272/2008	Mixture assessed by the calculation (additivity) method. NOT classified as hazardous (subject to the stabilisation-mix loading remaining below 1.0% – Section 16). No H-statements, no pictogram, no signal word.
Biocidal Products Reg. (EU) 528/2012 (BPR)	This product is a biological wastewater/effluent treatment preparation and makes NO biocidal claims. Not classified as a biocidal product under BPR.
REACH Annex XIV (Authorisation List)	No SVHCs present above the 0.1% threshold.
REACH Annex XVII (Restriction List)	No restricted substances identified in this mixture.
Seveso III Directive (2012/18/EU)	Not subject to Seveso III requirements.

Regulation / Directive	Status / Notes
VOC Directive (2004/42/EC)	Not applicable – aqueous biological treatment preparation.
National Legislation	EU harmonised framework applies; Cyprus national implementing legislation as the place of supply.

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been conducted for this mixture. The proprietary stabilisation mix is the only component with a hazard classification and is present below the mixture corrosion threshold.

SECTION 16: OTHER INFORMATION

Basis of Classification

Classification of the mixture was determined by the calculation / additivity method under CLP (EC) 1272/2008, Annex I. The only component carrying a hazard classification is the proprietary stabilisation mix – Skin Corr. 1A at substance level – present at 0.1–1.0% m/m. For skin corrosion the mixture is not classified, as the sum of Skin Corr. 1 components is below the 5% threshold. For the skin- and eye-irritation endpoints, CLP additivity treats a Skin Corr. 1 component as contributing ten times its concentration toward the 10% classification threshold. At a stabilisation-mix loading below 1.0% the weighted contribution is below 10% and the mixture is not classified. At a loading of 1.0% (the top of the disclosed range) the weighted contribution reaches 10%, at which point the mixture would classify as Skin Irrit. 2 (H315) and Eye Irrit. 2 (H319). The not-classified conclusion therefore holds provided the proprietary stabilisation mix is present below 1.0% w/w; the actual loading should be confirmed with the supplier. This assessment aligns the SDS with the Summit Bridge COSHH assessment for the product.

Full Text of Hazard Statements Referenced at Substance Level in Section 3

H314 Causes severe skin burns and eye damage (substance-level classification of the proprietary stabilisation mix; not applicable to the mixture at the stated loading). H315 Causes skin irritation — H319 Causes serious eye irritation (would apply to the mixture only if the stabilisation mix is present at $\geq 1.0\%$ w/w).

Recommended Precautionary Measures (Good Practice – Mixture Not Classified)

P264 Wash hands thoroughly after handling • P280 Wear eye protection (goggles recommended) • P305+P351+P338 IF IN EYES: rinse cautiously with water, remove contact lenses if present, continue rinsing • P501 Dispose of contents/container per local regulations.

Abbreviations

CLP – Classification, Labelling and Packaging | REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals | GHS – Globally Harmonised System | OEL – Occupational Exposure Limit | PBT/vPvB – Persistent, Bioaccumulative and Toxic / very Persistent, very Bioaccumulative | SVHC – Substance of Very High Concern | EWC – European Waste Catalogue | BSL – Biosafety Level | ALARA – As Low As Reasonably Achievable.

Key Sources

Regulation (EC) No 1272/2008 (CLP) and amendments • Regulation (EC) No 1907/2006 (REACH) Annex II as amended by Reg. (EU) 2020/878 • CLP Annex I, Tables 3.2.3 and 3.3.3 (mixture additivity for skin corrosion / eye damage) • ECHA Guidance on the Compilation of Safety Data Sheets (v4.0, 2021) • OECD 301 Biodegradability Guidelines.

Revision / Change History

Version	Date	Summary of Changes
v1.0	May 2026	

DISCLAIMER: This Safety Data Sheet is based on the state of knowledge at the date of issue and is believed to be accurate. It is provided in good faith as guidance for safe handling, use, processing, storage, transportation, disposal and release. It does not constitute a warranty, express or implied, regarding suitability for any particular use. Classification has been made by the supplier of record using the CLP calculation method; the loading of the proprietary stabilisation mix, the colourant CAS identity, and component REACH status should be confirmed with the originating manufacturer. Summit Bridge accepts no liability for any injury, loss or damage arising from use of this product in a manner inconsistent with this SDS or applicable regulations.