



SAFETY DATA SHEET

BIOCELERATOR 500 (MICROORGANISM STIMULANT)

SEC 1: IDENTIFICATION

Product Identifier: Biocelerator 500 Micro-organism stimulant

Other means of identification: None.

Recommended use: Reagent.

Recommended restrictions on use: None known.

Details of Importer: Shield Crete Pte Ltd, 8 Cross Street #24 – 03/04 PWC Building
SINGAPORE 048424 Tel + 65 6494 6809

Emergency telephone: + 65 6494 6809

SEC 2: HAZARD(S) IDENTIFICATION

Physical hazards: Not classified.

Health hazards: Not classified.

Label elements Hazard symbol: None.

Signal word: None.

Hazard statement Precautionary statement: The mixture does not meet the criteria for classification.

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: None.

SEC 3: COMPOSITION INFORMATION ON INGREDIENTS

Mixtures Chemical Name Common Name: Water.

Composition comments: Disclosure of ingredient names is not required by the WHS Regulations for non-hazardous ingredients. Refer to additional sections of this SDS for our assessment of the potential hazards of this formulation.



SEC 4: FIRST AID MEASURES

Inhalation: No treatment required.

Skin contact: No treatment required.

Eye contact: No treatment required.

Ingestion: No treatment required.

Medical attention and special treatment: Not available.

SEC 5: FIREFIGHTING MEASURES

Suitable extinguishing equipment: This product does not represent a fire hazard since it contains a high amount of water.

Specific hazards arising from the chemical: None known.

Special protective equipment and precautions for firefighters: No special protective equipment required.

SEC 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: No special protective equipment required.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: Contain and recover by physical means.

SEC 7: HANDLING AND STORAGE

Precautions for safe handling: No special requirements.

Conditions for safe storage, including any incompatibilities: No special requirements.

SEC 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures: No exposure limits noted for ingredient(s).

Biological monitoring: No biological exposure limits noted for the ingredient(s).

Control banding: None.

Engineering controls: Provide adequate ventilation. No special ventilation requirements.

Individual protection measures, for example personal protective equipment (PPE): None.

Skin protection Hand protection: None required.

Respiratory protection: Not required.

Other: No special protective equipment required.



SEC 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance colour: Colorless.

Physical state: Liquid.

Odour: Not available.

Odour threshold: Not available.

pH: 7.9 - 8.4

Melting point/freezing point: 0.4°C

Boiling point and boiling range: 96.2°C

Flash point: > 100°C P-M(CC)

Evaporation rate: < 1 (Ether = 1)

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

Flammability limit - lower (%): Not available.

Explosive limit - lower (%): Not available.

Flammability limit - upper (%): Not available.

Explosive limit - upper (%): Not available.

Vapor pressure: 18 mm Hg

Vapor pressure temp.: 21 °C

Vapor density: < 1 (Air = 1)

Relative density: Not available.

Relative density temperature: 21°C

Solubility(ies) (water): 100%

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available.

Viscosity temperature: 21°C

SEC 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Not applicable.

Possibility of hazardous reactions: Not applicable.

Conditions to avoid: None known.

Incompatible materials: Not available.

Hazardous decomposition products: None.



SEC 11: TOXICOLOGICAL INFORMATION

INFORMATION ON POSSIBLE ROUTES OF EXPOSURE:

Ingestion: None known.

Skin contact: None known.

Inhalation: None known.

Eye contact: None known.

Symptoms related to the physical, chemical and toxicological characteristics: Not available.

Information on toxicological effects Acute toxicity: Water, (rinse water)

Acute toxicity: > 5000 mg/kg, (calculated according to GHS additivity formula)

Skin corrosion/irritation: Not classified .

Serious eye damage/ irritation: Not classified.

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity - repeated exposure: Not classified.

Aspiration hazard: Not classified.

SEC 12: ECOLOGICAL INFORMATION

Eco-toxicity: No eco-toxicity data noted for the ingredient(s).

Persistence and degradability: No data available.

Bio-accumulative potential: Not available.

Mobility in soil: Not available.

Other adverse effects: Not available.

SEC 13: DISPOSAL CONSIDERATIONS

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code: Not applicable.

Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated packaging: No specific requirements.



SEC 14: TRANSPORT INFORMATION

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for Transport by road and rail

UN NUMBER:

IATA ~ Not regulated as dangerous goods.

IMDG ~ Not regulated as dangerous goods.

SEC 15: REGULATORY INFORMATION

HAZARD CATEGORIES:

Immediate Hazard: No.

Pressure Hazard: No.

Delayed Hazard: No.

Reactivity Hazard: No.

Fire Hazard: No.

SEC 16: OTHER INFORMATION

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LIST OF ABBREVIATIONS:

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code

References: Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The user of this product accepts all risk and responsibility for its use alone or in combination with other products. The information 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.