

Safety Data Sheet

Date of Issue: 29 March 2022

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:**Ecocare Culture GF****Recommended Use:**

Enhance biological wastewater treatment processes, improve solids settling, and reduce BOD and TSS.

Supplier Details:

Company: Insight Environmental
Address: 40 Hargreaves Street BELMONT WA 6104 Australia
Telephone Number: (+61-8) 9474 8400
Facsimile Number: (+61-8) 9477 3565
E-mail: support@ecocare.com.au
Emergency Telephone No: (+61-8) 9474 8400 Monday to Friday 7.00 am to 5.00 pm

SECTION 2: HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail: NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to Globally Harmonised System of Classification and Labelling of Chemicals 7 (GHS7): NON-HAZARDOUS CHEMICAL.

Poisons Schedule (SUSMP):

None allocated.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Product Description: Liquid suspension of a proprietary mixture of selected Aerobic and Anaerobic micro-organisms in buffered suspension. Product contains Class 1 (food grade) bacteria only.

| Components | CAS Number | Proportion |
|--|------------|------------|
| Ingredients not deemed to be hazardous | N/A | 100% |

SECTION 4: FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact:

If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs seek medical advice.

Eye Contact:

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

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards arising from the chemical:

Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes, including those of oxides of carbon.

Special protective equipment and precautions for fire-fighters:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures/Environmental precautions:

If contamination of sewers or waterways has occurred advise local emergency services.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists and aerosols.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store below 30°C. Protect from freezing. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

No value assigned for this specific material by Safe Work Australia.

Appropriate engineering controls:

Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour/particulate respirator. Keep containers closed when not in use.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|-----------------|------------------------|
| Clarity: | Clear to light brown. |
| Colour: | Brownish tinge. |
| State: | Aqueous solution. |
| Odour: | Slightly earthy smell. |

Chemical Properties

| | |
|---------------------------------|-------------------------------|
| Solubility: | Active ingredients insoluble. |
| Specific Gravity (20°C): | 1.0 |
| Percent Volatile: | N/A |
| Viscosity: | N/A |
| Flammability: | Not determined. |
| Explosive Properties: | Not determined. |
| pH: | 7.0 – 8.5 |
| Boiling Point (C°): | N/A |
| Oxidising Potential: | Not determined. |
| Vapour Pressure: | Not determined. |
| Vapour Density: | Not Determined. |
| Evaporation Rate: | Same as water. |
| Shelf Life: | 6 months. |

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

No information available.

Chemical stability:

Stable under normal conditions of use.

Possibility of hazardous reactions:

Hazardous polymerisation will not occur.

Conditions to avoid:

Avoid exposure to heat, sources of ignition, and open flame.

Incompatible materials:

Incompatible with strong oxidising agents and water-reactive chemicals.

Hazardous decomposition products:

Oxides of carbon.

SECTION 11: TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are: Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Micro-organisms used are non-pathogenic.

Eye contact:

May be an eye irritant.

Skin contact:

Contact with skin may result in irritation.

Inhalation:

Breathing in vapour, mists or aerosols may produce respiratory irritation.

Acute toxicity:

No LD50 data available for the product.

Skin corrosion/irritation:

No information available.

Serious eye damage/irritation:

No information available.

Respiratory or skin sensitisation:

No information available.

Chronic effects:

No information available for the product.

Mutagenicity:

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity:

No information available.

Specific Target Organ Toxicity (STOT) - single exposure:

No information available.

Specific Target Organ Toxicity (STOT) - repeated exposure:

No information available.

Aspiration hazard:

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Avoid contaminating waterways.

Persistence/degradability:

No information available.

Bioaccumulative potential:

No information available.

Mobility in soil:

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of contents and container in accordance with local, regional, national, international regulations.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Product is classified as "cultures of micro-organisms" for shipping and air to IATA standards.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

SECTION 15: REGULATORY INFORMATION

Classification:

Based on available information, not classified as hazardous according to Safe Work Australia;
NON-HAZARDOUS CHEMICAL.

Poisons Schedule (SUSMP):

None allocated.

SECTION 16: OTHER INFORMATION

LAST REVISION DATE: 29 March 2022

Safety Data Sheets are current for a maximum of five years but may be updated more frequently. Please ensure that you have a current copy.

All information contained in this Data Sheet is as accurate and up-to-date as possible. Since Insight Environmental and its subsidiary companies cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Insight Environmental and its subsidiary companies will not be responsible for damages of any nature resulting from use of or reliance upon the information. No expressed or implied warranties are given other than those implied mandatorily by Commonwealth, State or Territory legislation.

Prepared by: Malcolm Swanney BSc Chem

Reason: 5 yearly update to GHS7 format

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