

SAFETY DATA SHEET

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

1. Product and Company identification

Brand name: PURESAN®

Product name: Bio Pond

Use of Product: A Multi strain, bio augmentation product designed specifically for the aquaculture industry, consisting of 32 different species of non-pathogenic multi strain bacteria, specifically chosen to improve aquaculture water quality by reducing Ammonia, Nitrates, Nitrates, Phosphates, Suspended solids, Algae and Cynobacteria. This remedial water treatment product increases growth rates; increases fry survival rates; Improves water quality and increases stocking capacity for the aquaculture farmer.

Company: Puresan (PTY) LTD
190 Hampton Court Drive, Chartwell, Randburg, 2055 South Africa

Emergency Telephone No: Phone +27 829405826

2. Hazards Identification

Hazards description:

GHS Classification according to Regulation (EC) No 1272/2008 [CLP]:

Section	Hazard Class	Category	Hazard Statement	Hazard Statement
	None			SAPMA: HHR 4 – Non-Hazardous

EC Classification according to Directive 1999/45/EC:

Classification	Hazards characteristics
None	None

3. Composition / Information on Ingredients

Composition of PURESAN Bio Pond is an aqueous solution containing:

Name	CAS No.	EC No.	Content
Biological active, enzyme producing, aerobic, facultative anaerobic and anaerobic combination of micro-organisms for improved water quality for the aquaculture industry.	Not Available	Not Available	100%

4. First-aid measures

<i>After inhalation:</i>	N/A.
<i>After skin contact:</i>	Wash with water
<i>After eye contact:</i>	Wash with water
<i>After swallowing:</i>	Drink water

5. Fire-fighting measures

<i>Suitable extinguishing media:</i>	N/A
<i>Special risks:</i>	None.
<i>Special protective equipment for firefighting:</i>	None.
<i>Other information:</i>	None.

6. Accidental release measures

<i>Person-related precautionary measures:</i>	<i>Ventilate area of spill</i>
<i>Environmental-protection measures:</i>	<i>Will not harm the environment</i>
<i>Procedures for cleaning / absorption:</i>	<i>Collect any spilt material and place in suitable container</i>

7. Handling and storage

<i>Handling:</i>	No requirements
<i>Storage:</i>	Store under cool, dry conditions
<i>Suitable Packaging:</i>	No requirements

8. Exposure controls/personal protection

<i>Engineering measures:</i>	Not applicable
<i>Hygiene measures:</i>	None
<i>Personal protective equipment:</i>	None
<i>Eye protection:</i>	Not an eye irritant, but safety glasses should be used when handling product.
<i>Hand protection:</i>	None
<i>Industrial hygiene:</i>	None

9. Physical and chemical properties

Physical state:	Liquid
Colour:	Brown liquid
Odour:	Mild Sulphur odour
Boiling point:	+100°C+ @ 1atm. pressure
Melting point:	Not applicable
Solubility in water:	Soluble in water
Relative density:	1065 kg/m ³
Flash-point:	Not applicable
pH:	4

10. Stability and reactivity

Stability:	Stable for 3 to 6 months under cool storage conditions
Conditions to avoid:	Mixing with incompatible substances
Materials compatible:	Strong oxidizing agents
Materials partly compatible:	Not Applicable
Hazardous decomposition products:	None.
Further information:	None.

11. Toxicological information

LD50/LC50:	>50g/kg
Local effects:	
Skin and Eye Contact:	None
Chronic Toxicity:	None
Carcinogenicity:	None
Reproductive Hazards:	None

12. Ecological information

Mobility:	Soluble in water
Persistence/degradability:	According to OECD method No. 302B, this product is classified as inherently biodegradable.
Bio accumulative potential:	None
Aqua Toxicity:	According to OECD method No. 203 this product is classified as non-toxic to fish.

13. Disposal consideration

Methods of disposal:	Disposal to general waste.
Contaminated packaging:	Empty containers should be taken for recycling, recovery or waste disposal in compliance with local and national regulations.
UN Number:	Not regulated
SABS 0228	<i>Not regulated</i>

14. Transport information

Not Subject to transport regulations.	<i>No Tramcard required.</i>
Land transport (ADR/RID):	<i>N.O.S. non-corrosive liquid, non-oxidizing, inorganic, (mixture) No special regulations apply</i>
Sea transport (IMDG):	<i>N.O.S. non-corrosive liquid, non-oxidizing, inorganic, (mixture) No special regulations apply</i>
Air transport (ICAO-IATA/DGR):	<i>N.O.S. non-corrosive liquid, non-oxidizing, inorganic, (mixture) No special regulations apply</i>

15. Regulatory information

Labelling EC: Not classified as dangerous for supply or conveyance

Symbols:	no
R-phrases:	no
S-phrases:	no

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 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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