



1. Introduction

Peraldex® - Pond Cleaner is a natural product containing spores of four *Bacillus* strains, non-pathogen microorganisms occurring naturally everywhere in the environment, They reduce sludge and clean up the bottom of pond to improve the health of shrimp or fish.

In warm climate it often comes to a quickly eutrophication of the waters in fish- and prawnponds because the excrements of the quickly growing animals can not be sufficiently biodegrade. A well known technical applied procedure is the supplement of micro organisms and enzymes to reduce the accruing mud.

2. How it works

Under optimal conditions (temperature, mud concentration) the *Bacillus*-strains build a great quantity of enzymes. These enzymes biodegrade proteins, carbohydrates and phosphates. Under this conditions the micro organisms breed until the mud is completely eaten up. Afterwards the micro organisms die back or form spores.

Simultaneously the bacteria-strains reduce the content of nitrate and also have the ability to survive in salt water. The entire number of cells of micro organisms amounts to at least $1,0 \times 10^9$ per gramme.

3. Application

At first the product is mixed with few, preferably warm water (about one litre per kilogramme. Allow to stand for 10 minutes. Afterwards dose about a litre of the mixture per 10 m^3 of pond capacity.

4. Toxicology

The in **Peraldex® - Pond Cleaner** contained microorganisms belong to risk group I in compliance BioStoffV 2000/54/EG. They are harmless for human beings, animals and the environment.

5. Safety precautions

Wash hands and exposed skin before eating, drinking or smoking and after work.

Keep it far from children.

Read the Material Safety Data Sheet.

6. Transport information / storage information

Transport:

No special demand.



storage:

Keep it far from children and unauthorised persons.
Do not store it together with food, pharmaceutical or fodder.

The Formulation is stable for about one year at 20°C, if not opened.
Store it dark and cool.

In combination with chemical substances the stability is not proved and no guarantee is given.

7. Waste disposal

Do not use empty packaging again.
Dispose of empty and swilled packaging in compliance with administrative regulations.

8. Disclaimer

The uses as discibed have not necessarily been approved by any regulatory authority. This Technical Information sheet in no way constitutes a recommendation to apply **Peraldex® - Pond Cleaner** for unregistered uses.