

Buffodine

Fish farming disinfectant.

BiTEK
INDUSTRIES



Description

A Fish Farming Disinfectant for the disinfection of eyed salmonid eggs & newly stripped non-hardened eggs. It is the result of extensive research into the rapidly growing fish farming industry and has been specially formulated so that the pH of an in-use solution is practically neutral, which ensures that disinfection occurs without harming the eggs.

Buffodine is an iodine-based product, which has a strong inactivating effect on IPN & EGTVED viruses, as well as other major fish viruses & many pathogenic fungi & bacteria.

The colour of the solution indicates its germicidal activity, Amber solutions are active, while pale yellow or colourless solutions are less effective & must be replaced by new solutions.

Features & Benefits

- Neutral pH allows disinfection without harming the eggs
- Effective against IPN/EGTVED & other fish viruses
- Effective against many fungi & bacteria (including furunculosis)
- Colour coded to indicate germicidal activity
- Biodegradable, stable and safe in use
- Patented formulation

How to Use

DISINFECTION PROCEDURE:

EYED EGGS: Make a solution of 10:1000 parts water (100mls per 10lts water). Place eggs in solution for 10 minutes. After treatment eggs must be washed gently four or five times in clean fresh water & placed in trays.

NEWLY STRIPPED EGGS: Dissolve 9 parts sodium chloride (edible quality salt) in 1000 parts of water & add 10 parts Buffodine (90gms sodium chloride & 100mls Buffodine per 10lt). Mix thoroughly.

Wash the milt from the fertilized eggs with a solution of 9 parts sodium chloride to 1000 parts water (90gms per 10lt) until the eggs are clean. Immerse eggs in the prepared solution of Buffodine for a period of 10 mins.

After above treatment, the eggs must be washed gently four or five times in a solution of 9 parts sodium chloride to 1000 parts water (90gm per 10lt). Place eggs in trays of clean fresh water.

Mixed solutions should be used at once. Even the most dilute solutions are extremely toxic to fish. All egg washings should be poured into drains and not into watercourses leading to Fish Farms or streams.

Buffodine has a two year shelf life, however, we recommend that it is not

kept for more than one year. Fresh supplies should be obtained each season. Buffodine from the previous season can be used for disinfecting equipment & tools.

Composition

Contains a blend of Iodine, Nonionic Surfactants & pH Buffering agents.

Typical Product Data

Appearance:	Liquid
Odour:	Faint Iodine
Specific Gravity (20°C):	1.032
Colour:	Dark Brown
pH – undiluted:	6.50
Shelf Life Unopened:	2 Years

Packaging

Pack:

25lt, 200lt, 1000lt

Storage:

Store in original sealed container and protect from extremes of temperature.

Biodegradability:

All surfactants used in Bitek products comply with the current European Regulations concerning Biodegradability and protection of the environment.

Quality Assurance

This product is manufactured in South Africa by BITEK INDUSTRIES (PTY) LTD whose Quality System is registered by DEKRA to ISO 9001:2015, cert. reg. no. 70402311/7 and to HACCP cert. reg. no. 230610006/3.

BITEK INDUSTRIES (PTY) LTD

8 Hooker Street Chloorkop Kempton Park

Telephone: +27 (011) 393 1182 - Fax: +27 (011) 393 1151

Web: www.bitek.co.za