

## Buffodine



### Fish Egg Disinfection

Buffodine is used in the disinfection of eyed salmonid eggs and newly stripped nonhardened eggs. Effective against Infectious Pancreatic Necrosis (IPN), Viral Haemorrhagic Septicaemia (VHS) and Infectious Hematopoietic Necrosis (IHN) viruses and there is a wide margin of safety in toxicity to ova. However, ova contaminated with IPN virus may not always be effectively disinfected by this treatment. It is likely that the embryo can, be infected and the disinfectant does not penetrate the egg membrane.

#### Eyed Eggs

- Make a solution of 10 parts Buffodine to 1,000 parts water (i.e. 100 mls Buffodine to 10 litres water). Place eggs in solution for 10 minutes.
- After above treatment eggs must be washed gently four or five times in clean fresh water and placed in trays.

#### Newly Stripped Eggs

- Dissolve 9 parts sodium chloride (edible quality salt) in 1000 parts water, and add 10 parts Buffodine (i.e. 90 grams sodium chloride and 100 mls Buffodine in 10 litres of water). Mix thoroughly.
- Wash the milt from the fertilised eggs with a solution of 9 parts sodium chloride in 1000 parts water (i.e. 90 grams to 10 litres) until the eggs are clean. Immerse the eggs in the prepared solution of Buffodine for a period of 10 minutes.
- After above treatment the eggs must be washed gently four or five times in a solution of 9 parts sodium chloride and 1000 parts water (i.e. 90 grams to 10 litres). Place eggs in tray of clean fresh water.

#### Disposal

Two important points to remember when clearing up after disinfection with Iodophors, particularly after disinfecting eggs, are the need for 1) safe disposal or disinfection of containers and 2) safe disposal of disinfectant.

After disinfecting eggs remember that all containers, packages, etc., which contained or contacted the eggs before they were disinfected are still contaminated. Any container that you want to keep must be disinfected itself. Packing materials should be collected carefully and burnt. Having picked up the contaminated packing material your hands will be contaminated and should be disinfected as well.

---

#### Further information is available from:

PHARMAQ Ltd  
Unit 15, Sandleheath Industrial Estate,  
Fordingbridge, Hampshire. SP6 1PA.  
Tel No: 01425 656081  
Fax: 01425 655309  
Fax Order Line: 01425 657992  
Website: www.pharmaq.no

#### Note

Although Buffodine is not toxic to ova, even in low concentrations it is toxic to fish and should not therefore be used to treat hatching eggs or sac fry. Care should be taken to avoid discharging Buffodine solutions into ponds or streams, egg washing should be poured into drains where any remaining Iodophor will be inactivated by organic matter.

