

ALPHA JECT®4000 Emulsion for injection



Presentation

An adjuvanted water in oil emulsion vaccine for injection consisting of inactivated bacteria cultures of *Aeromonas salmonicida* var *salmonicida*, *Vibrio anguillarum* (serotype O1 and O2), and *Vibrio salmonicida*, and mineral oils and emulsifiers.

Uses

For use in Atlantic salmon, 45 g or larger, for the protection against mortality caused by furunculosis, vibriosis and cold water vibriosis.

Duration of protection of 8 months is currently documented.

Dosage and administration

Food should be withheld for at least 24 hours and the fish must be anaesthetised prior to injection. Inject 0.2ml intraperitoneally per fish.

To reduce the risk of side effects, it is important to deposit the entire dose in the abdominal cavity. The most frequently used injection needle gauge is 0.7 mm diameter (G22) or 0.6 mm diameter (G23). The injection needle should have appropriate length to penetrate the abdominal wall by 1-2 mm. The entire needle should be inserted into the midline about one, to one and a half pelvic fin lengths anterior to the base of the pelvic fin.

Contra-indications, warnings, etc

Do not vaccinate diseased fish.

Do not use in fish intended for broodstock.

Use only at water temperature above 1°C.

Side effects in the form of visceral adhesions and pigmentation occur. Due to handling stress, vaccination may be followed by temporary reduced appetite leading to a transient growth rate reduction.

Withdrawal period: Zero days.

Keep out of reach for children. For animal treatment only.

Ensure that the method of restraint, handling and administration e.g. by the use of guarded needles, minimises the risk of accidental self-injection.

To the user: This product is a mineral oil-based compound. Accidental injection/self injection may result in severe pain and swelling and *could result in the loss of the affected finger or thumb if prompt medical attention is not given.*

If you are accidentally injected with this product, go AT ONCE to the nearest accident and emergency (casualty) department of a hospital and show the information printed below to the doctor (or nurse) on duty.

Seek prompt medical advice even if only a very small amount is injected.

If pain persists for more than 12 hours after medical examination, seek further medical advice.



To the doctor: Even if very tiny amounts have been injected, accidental injection with this oil-based product can cause intense swelling which may, for example, result in ischaemic necrosis and the loss of a digit. Expert, PROMPT, surgical attention is required and may necessitate early incision and irrigation of the injected area, especially where there is involvement of finger pulp or tendon.

Pharmaceutical precautions

Store at +2 to +8°C. Do not freeze.

Bring slowly to +15 to +20 °C and shake well before use.

Only administer if the vaccine appears as a homogenous, cream coloured emulsion after shaking. If the vaccine shows signs of a brownish water phase in the bottom of the container, it should not be used for vaccination. Contact the distributor for further advice.

Administration of the vaccine must be performed using an injection system that prevents back flush of the vaccine into the vaccine tube/container.

Ensure the vaccination equipment is sterilised before use.

Use entire contents when first opened within a 3 hour period.

Legal category

POM-VPS

Package quantities

1 litre injection bags

Further information

Unused product or waste material has to be destroyed by incineration in a safe manner.

It has been reported that oxytetracycline and oxolinic acid influence the immune response in fish. Therefore, if antibiotic treatment should be needed during the immunisation period, thorough consideration should be given regarding the choice of antibacterial product.

Other vaccines should not be administered within 14 days before or after vaccination with ALPHA JECT 4000, since no information is available with regard to concurrent use of this vaccine with any other.

In any population there will be a small number of individuals which fail to respond fully to vaccination. Occasional mortality may occur if individuals fail to respond or the immune system is suppressed by concurrent infections, poor nutritional status, genetic factors, smoltification or other stressful environmental conditions. .

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