SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixtures
Trade name : Salmosan Vet
Type of product : Veterinary Medicinal Product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Function or use category : Veterinary Medicinal Product. Powder for suspension for fish treatment containing 50% w/w azamethiphos, for the control of mature pre-adult to adult sea-llice (Lepeoptheirus salmonis and/or Caligus species) on farmed Atlantic salmon (Salmo salar).

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Fish Vet Group
22 Carsegate Road
IV3 8EX Inverness - UK
T +44 (0)1463 717774
info@fishvetgroup.com

1.4. Emergency telephone number

Emergency number : UK : +44 (0) 845 0093342
International: +44 (0) 1233 849729

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4 H302
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

Signal word (CLP) : Warning
Hazardous ingredients : AZAMETHIPHOS
Hazard statements (CLP) : H302 - Harmful if swallowed
H317 - May cause an allergic skin reaction
H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP) : P102 - Keep out of reach of children
P261 - Avoid breathing dust, fume
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P272 - Contaminated work clothing should not be allowed out of the workplace
P273 - Avoid release to the environment
2.3. Other hazards not contributing to the classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>AZAMETHIPHOS</td>
<td>(CAS-No.) 35575-96-3 (EC-No.) 252-626-0</td>
<td>48-61.5</td>
<td>Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:gas), H332 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Symptoms of poisoning may occur even after several hours; therefore medical observation for at least 48 hours after the accident is recommended.

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Signs and symptoms of overexposure to this product include headache, irritation of upper respiratory tract, asthmatic symptoms, and chest tightness, breathing difficulty, coughing, in coordination, weakness, eye irritation, blurred vision, skin irritation, diarrhea, tingling or numbness, unconsciousness, changes in blood pressure, heart rate and respiratory failure. Severe poisoning can include general muscle twitching, loss of coordination, extreme difficulty with breathing and convulsions which may lead to unconsciousness in the absence of medical treatment.

Symptoms/effects after inhalation : Can cause respiratory tract irritation.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : May cause eye irritation.

Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: “Exposure controls/personal protection”.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Collect spillage.

Methods for cleaning up: Mechanically recover the product.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool. Store in original container. Keep away from ignition sources.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Keep away from sources of ignition and heat.

7.3. Specific end use(s)

Veterinary Medicinal Product. Powder for suspension for fish treatment containing 50% w/w azamethiphos, for the control of mature pre-adult to adult sea-lice (Lepeopthirus salmonis and/or Caligus species) on farmed Atlantic salmon (Salmo salar).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Country</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>MAK (mg/m³)</td>
<td>4 mg/m³</td>
</tr>
<tr>
<td>Austria</td>
<td>Remark (AT)</td>
<td>inhalable aerosol</td>
</tr>
<tr>
<td>Denmark</td>
<td>Gransevärdie (langvarig) (mg/m³)</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Denmark</td>
<td>Gransevärdie (kortvarig) (mg/m³)</td>
<td>4 mg/m³</td>
</tr>
<tr>
<td>Denmark</td>
<td>Anmærkninger (DK)</td>
<td>inhalable aerosol</td>
</tr>
<tr>
<td>Finland</td>
<td>HTP-arvo (8h) (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Germany</td>
<td>TRGS 900 Occupational exposure limit value (mg/m³)</td>
<td>4 mg/m³</td>
</tr>
<tr>
<td>Germany</td>
<td>Remark (TRGS 900)</td>
<td>(gemessen als einatembarer Aerosolannteil)</td>
</tr>
<tr>
<td>Spain</td>
<td>VLA-ED (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Spain</td>
<td>Notes</td>
<td>respirable aerosol</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL TWA (mg/m³)</td>
<td>6 mg/m³ respirable aerosol</td>
</tr>
<tr>
<td>Switzerland</td>
<td>VME (mg/m³)</td>
<td>4 mg/m³</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Remark (CH)</td>
<td>inhalable aerosol</td>
</tr>
<tr>
<td>Canada (Quebec)</td>
<td>VEMP (mg/m³)</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td>USA - NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
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<tr>
<td>USA - OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
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</tr>
<tr>
<td>USA - OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>20 ppm</td>
</tr>
</tbody>
</table>
Salmosan Vet
Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Additional information
Chemical resistant nitrile rubber gloves (to European standard EN 374 or equivalent); Use eye protection to EN 166, designed to protect against powders and dusts

8.2. Exposure controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

Personal protective equipment:
Avoid all unnecessary exposure.

Hand protection:
Wear protective gloves. Nitrile rubber. Length at least 300mm, thickness 0.5mm

Eye protection:
tightly fitting safety goggles

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Wear suitable respiratory protective device with particle filter.

Environmental exposure controls:
Avoid release to the environment.

Other information:
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder.</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige.</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
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<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No self-ignition</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined Non flammable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Density</td>
<td>1.6 g/cm³</td>
</tr>
<tr>
<td>Solubility</td>
<td>Dispersible.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
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<tr>
<td>Viscosity, dynamic</td>
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</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
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<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

9.2. Other information
No additional information available
SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
Strong acids. strong bases.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Oral: Harmful if swallowed.

ATE CLP (oral): 1000.000 mg/kg bodyweight

Skin corrosion/irritation: Not classified

Additional information: Based on available data, the classification criteria are not met

Serious eye damage/irritation: Not classified

Additional information: May cause an allergic skin reaction.

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Additional information: Based on available data, the classification criteria are not met

STOT-single exposure: Not classified

Additional information: Based on available data, the classification criteria are not met

STOT-repeated exposure: Not classified

Additional information: Based on available data, the classification criteria are not met

Aspiration hazard: Not classified

Additional information: Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms: Harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: Very toxic to aquatic life.

Ecology - water: Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Salmosan Vet
Persistence and degradability: May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Salmosan Vet
Bioaccumulative potential: Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information: Avoid release to the environment
**SECTION 13: Disposal considerations**

13.1. Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecology - waste materials: Avoid release to the environment.

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>UN number</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
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<tbody>
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<td>3077</td>
<td>3077</td>
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<td>Not regulated</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

**UN 3077**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Environmentally hazardous substance, solid, n.o.s.

Not regulated

Not regulated

**Transport document description**

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (AZAMETHIPHOS), 9, III, (E)

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (AZAMETHIPHOS), 9, III, MARINE POLLUTANT

UN 3077 Environmentally hazardous substance, solid, n.o.s. (AZAMETHIPHOS), 9, III

Not regulated

Not regulated

**14.3. Transport hazard class(es)**

9

9

9

Not regulated

Not regulated

**14.4. Packing group**

III

III

III

Not regulated

Not regulated

**14.5. Environmental hazards**

Dangerous for the environment: Yes

Dangerous for the environment: Yes

Dangerous for the environment: Yes

Not regulated

Not regulated

No supplementary information available

**14.6. Special precautions for user**

- **Overland transport**

  Classification code (ADR): M7

  Special provisions (ADR): 274, 335, 601, 375

  Limited quantities (ADR): 5kg

  Excepted quantities (ADR): E1

  Packing instructions (ADR): P002, IBC08, LP02, R001

  Mixed packing provisions (ADR): MP10

  Portable tank and bulk container instructions (ADR): T1, BK1, BK2

  Portable tank and bulk container special provisions (ADR): TP33

  Tank code (ADR): SGAV, LGBV

  Vehicle for tank carriage: AT

  Transport category (ADR): 3

  Special provisions for carriage - Packages (ADR): V13

  Special provisions for carriage - Bulk (ADR): VC1, VC2

  Special provisions for carriage - Loading, unloading and handling (ADR): CV13

  Hazard identification number (Kemler No.): 90
Salmon Vet
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Orange plates : 90

Tunnel restriction code (ADR) : E
EAC code : 2Z

- Transport by sea
Special provisions (IMDG) : 274, 335, 966, 967, 969
Limited quantities (IMDG) : 5 kg
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P002, LP02
Special packing provisions (IMDG) : PP12
IBC packing instructions (IMDG) : IBC08
IBC special provisions (IMDG) : B3
Tank instructions (IMDG) : T1, BK1, BK2, BK3
Tank special provisions (IMDG) : TP33
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Stowage category (IMDG) : A
Stowage and handling (IMDG) : SW23

- Air transport
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y956
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 956
PCA max net quantity (IATA) : 400kg
CAO packing instructions (IATA) : 956
CAO max net quantity (IATA) : 400kg
Special provisions (IATA) : A97, A158, A179, A197
ERG code (IATA) : 9L

- Inland waterway transport
Not regulated

- Rail transport
Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany
VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

Netherlands
SZW-lijs van kankervenkkende stoffen : None of the components are listed
SZW-lijs van mutagene stoffen : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling: None of the components are listed

Denmark
Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product. Pregnant/breastfeeding women working with the product must not be in direct contact with the product.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information


Other information: None.

Full text of H- and EUH-statements:

- Acute Tox. 4 (Inhalation: gas) Acute toxicity (inhalation: gas) Category 4
- Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4
- Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1
- Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1
- Skin Sens. 1 Skin sensitisation, Category 1
- H302 Harmful if swallowed
- H317 May cause an allergic skin reaction
- H332 Harmful if inhaled
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

- Acute Tox. 4 (Oral) H302 Calculation method
- Skin Sens. 1 H317 Calculation method
- Aquatic Acute 1 H400 Calculation method
- Aquatic Chronic 1 H410 Calculation method

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
Slice Data Sheet

Presentation
Each 2.5 kg pouch of Slice contains 5 g of emamectin benzoate (equivalent to 2 mg/g) and 0.25 g butylated hydroxyanisole (equivalent to 0.1 mg/g) as a preservative. A white to off-white free flowing powder.

Uses
Target species: Atlantic salmon (Salmo salar).

For the treatment and prevention at group level of infestations of all parasitic stages of sea lice (Lepeophtheirus sp. and Caligus sp.) on Atlantic salmon (Salmo salar) ranging in size from smolts in freshwater (just prior to transfer to seawater) to market weight fish in seawater.

Dosage and administration
Administer medicated feed to fish at the recommended feeding rate of 0.5% biomass/day for 7 days which will yield a dose rate of 50 micrograms/kg biomass/day. If the feeding rate differs from 0.5% biomass/day, then the concentration of Slice in feed must be adjusted proportionately. The following table is provided for reference.

<table>
<thead>
<tr>
<th>Feeding rate (% biomass of fish)</th>
<th>Concentration of emamectin benzoate in feed medicated with Slice (mg/kg)</th>
<th>Quantity of Slice per 1,000 kg of medicated feed (kg)</th>
<th>Quantity of Slice medicated feed per 1,000 kg of fish per day (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25</td>
<td>20.0</td>
<td>10.0</td>
<td>2.5</td>
</tr>
<tr>
<td>0.5</td>
<td>10.0</td>
<td>5.0</td>
<td>5.0</td>
</tr>
<tr>
<td>1.0</td>
<td>5.0</td>
<td>2.5</td>
<td>10.0</td>
</tr>
<tr>
<td>2.0</td>
<td>2.5</td>
<td>1.25</td>
<td>20.0</td>
</tr>
<tr>
<td>3.0</td>
<td>1.67</td>
<td>0.833</td>
<td>30.0</td>
</tr>
<tr>
<td>4.0</td>
<td>1.25</td>
<td>0.625</td>
<td>40.0</td>
</tr>
</tbody>
</table>

Slice medicated fish feed is to be prepared only at commercial fish feed mills and not at fish farms. Slice is to be coated onto feedstuff of the following type: Extruded cylindrical pellets of varying thickness and length, e.g. 3.5 mm, 5.0 mm, 7.0 mm and 10.00 mm.

Recommended method of incorporation
Slice may be coated onto the surface of non-medicated fish feed in the following manner:
1. Standard feed is transported by a conveyor belt to a fractioning sieve where dust and fragments are sorted out.
2. The sorted pellets are transferred to an intensive mixer.
3. The pellets are dry-mixed/coated with a predetermined amount of Slice for up to 2 minutes.
4. 0.5% to 1% fish or vegetable oil is added and mixing continued for up to 5 minutes. The added oil seals the premix powder to the feed pellet.
5. At the completion of mixing, the product is transferred to a feeder tank for packaging into sacks.

The recommended maximum number of marine treatments is 5 per 2 year growth cycle and not more than 3 per 12 month period.

Smolts should only be treated when raised either in tanks or in flowing waterways (see contraindications). Smolts should be transferred to seawater 1-2 days after the seven day treatment period has ended.

To reduce the possibility of resistance development in sea lice it is recommended that emamectin benzoate is used in integrated control programmes with the following considerations:
- Administration of the correct dosage rate over the full seven day period
• Medication of an appropriate amount of feed to ensure complete and homogeneous consumption
• Careful feeding practices to monitor feeding behaviour
• Use of the product in the absence of any intercurrent disease affecting appetite
• Simultaneous medication of all fish on a site
• Coordination of treatments of all farms in a loch or bay system to reduce cross-infestation
• Use of good management practices such as single age sites, all-in-all-out systems and fallowing between production cycles
• Use in rotation with other authorised therapeutic agents and/or in collaboration with other natural agents such as cleaner fish.

It is important that the level of infestation and the effectiveness of control measures are monitored by routine counting of sea lice stages on samples of representative fish. Counts should be conducted on at least five fish from each of 20% of cages on the farm at weekly intervals in summer and every second week in winter.

Treatment should only be initiated when the number of sea lice per fish reaches a level so that effective sea lice population control can be established.

Contra-indications, warnings, etc
Do not use in adult Atlantic salmon intended for broodstock.
Do not use for treatment of smolts in freshwater cages due to potential environmental risks.

Operator warnings: Wear gloves, protective work clothing, dust mask and safety glasses with side shields when handling Slice in the preparation of medicated fish feed. Wash hands thoroughly with soap and water after handling the product or medicated feed and before eating or smoking. Do not smoke or eat while handling the medicated feed.

At the recommended dose emamectin benzoate produced no undesirable effects in the clinical trials, apart from a slight reduction in appetite during the medication period in two trials. A change in the source and pellet size of the medicated diet may have contributed to this effect.

Overdose: Emamectin benzoate administered to Atlantic salmon smolts in freshwater at 5.4 times the recommended dose produced dark skin colouration and incoordination during the treatment period. Emamectin benzoate administered to Atlantic salmon in seawater at seven times the recommended dose produced lethargy, dark skin colouration and incoordination commencing on the fifth day of medication and inappetance commencing two days after treatment. Recovery was not evident in the week following treatment, either fish treated in freshwater or in seawater. There is no known antidote. In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

Withdrawal period: Zero days.
To ensure that tissue residues do not exceed the MRL, fish must not be treated more than once in the 60 days prior to the first fish being harvested for human consumption. For animal treatment only. Keep out of reach and sight of children.

Pharmaceutical precautions
This veterinary medicinal product does not require any special storage conditions.
Shelf life after incorporation into meal or pelleted feed: 6 months. Do not use after the expiry date stated on this label.
Dispose of any unused product and empty containers in accordance with guidance from your local waste regulation authority.
Packaging Quantities
Each 2.5 kg sachet of Slice contains 5 g of emamectin benzoate.
Eight 2.5 kg sachets are packed in a fibre drum.
Legal category
POM-V
Marketing authorisation number
Vm 01708/4580.
Further information
In UK - it is essential to obtain a discharge consent from the local regional office of the Environment Agency or SEPA before using this product.