**PHOSTOXIN TABLET**

FOR PROFESSIONAL USE ONLY.

A gas-generating preparation containing Aluminum Phosphide 56% w/w for the control of insects which infest stored commodities and tobacco.

Gas Generating Product (GE)

Active Ingredients: Aluminum Phosphide 56% w/w

CAS No. 20859-73-8

**Contents:** 334 x 3 g spheric tablets

Net weight: 1,000 g

**Method of application:**

- When fumigating silos bins it is recommended to use the automatic tablet dispenser.
- Place warning notices at the fumigation area and all points of access to the risk area. A 5M risk area must be established around the treated area/buildings.
- Do not use in bulk food/feed where the tablet will be in direct contact with the commodity.

Risk mitigation measures:

- To be used only by an operator instructed or trained in the use of aluminium phosphide and familiar with the precautionary measures to be observed.
- Do not use in bulk food/feed where the tablet will be in direct contact with the commodity.
- Wear suitable protective clothing (coveralls), suitable protective gloves and suitable respiratory protective equipment when applying the product and re-entering treated areas before the phosphine gas air concentration is below 0.01 ppm.
- Use at least half mask or full-face-piece respirators to at least EN140 and EN136 standard respectively, in combination with filter(s) to at least EN14387 B2P3, or equivalent.
- Do not allow tablets or their spent residues to come in contact with food or feed.

Place warning notices at the fumigation area and all points of access to the risk area. A 5M risk area must be established around the treated area/buildings.

Directions for the safe disposal of the plant protection product and of the packaging:

- Dispose of contents/container to a licensed hazardous waste disposal contractor.
- Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Follow the Code of Practice for using plant protection products.
- Safety information:
  - Operator protection:
    - Do not use in bulk food/feed where the tablet will be in direct contact with the commodity.
  - Environment protection:
    - Do not contaminate water with the product or its container.
  - Consumer protection:
    - Do not feed pets.
  - Storage and disposal:
    - Keep away from food, drink and animal feeding stuffs.
    - Keep out of the reach of children.
    - Keep all persons and animals out of the fumigation area and adjacent areas into which gas might penetrate. Unprotected persons must be kept out of treated areas until the phosphine concentration in the atmosphere has fallen below the TLV of 0.01 ppm.

**Crop/Situation:**

<table>
<thead>
<tr>
<th>Crop or Situation</th>
<th>Max. single dose ( tablets / m³)</th>
<th>Max. no. of applications ( per season)</th>
<th>Withholding period ( days)</th>
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**Dosages:**

**DOSAGE AND APPLICATION:** When fumigating silo bins it is recommended to use the automatic tablet / flask system. Once opened, the contents of the container must be used immediately. Ensure that the empty flask is kept dry. Residue is deposited. Check that the flask is visibly empty. If residue remains, repeat upending and tapping the container so that any remaining powder is fully removed. Ensure that the empty flask is kept dry.

**DIRECTIONS FOR USE:**

- **Product/packaging disposal:** Once opened the contents of the container must be used immediately. Store locked up. Store in a dry place.
- **Store in a closed container. Dispose of contents/container: degassed material should be disposed of under observation of prevailing regulation to the next pollutant collection. Dispose of emptied container to recycling collections.**
- **DIRECTIONS FOR USE:**

  IMPORTANT: This information is part of the approved Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product. Phostoxin Tablet can be used for the control of pests in grains such as rice, wheat, barley, maize, oats, sorghum, millet, etc., leaf tobacco, cereal products, dried fruit, dried vegetable products, pulses, empty rooms and oilseeds. These commodities may be fumigated under gaseous trains or in other sealed enclosures. Phostoxin Tablet has been found effective against stored product insects and their preadult stages (eggs, larvae and pupae). These include Grain, Rice, Bean, Pea and Maize weevils, Saw-toothed grain beetle, Confused flour beetle, Lesser grain borer, Rusty grain beetle, Khapra beetle, Angoumois grain moth, Indian meal moth, Mediterranean flour moth, Cigarette beetle, Tobacco Moth, Red flour beetle, Glabrous cabinet beetle, Mealworm beetle, Flour mite, Drugstore beetle and Mould mite. No fumigation with Phostoxin Tablet should be undertaken in conditions of low humidity. There must be an airing-off period until gas levels drop below the TUV of 0.01 ppm. Treatment by Phostoxin tablet of oily material may cause taint of the product. USE ALL CONTENTS OF FLASK. DO NOT RE-SEAL.

**Exposure times:**

- **Minimum dosages are applied if storage goods are loosely packed and fumigation can be performed under optimal conditions of 20°C - 30°C and 50% - 75% relative humidity. Maximum dosages should only be applied if storage goods are densely packed and fumigation can only be performed under worst case conditions of e.g. temperatures close to 10°C, or low relative humidity values or, if the insect population to be controlled is known to react with reduced sensitivity to phosphine fumigations.**

**Safety zone:** Place warning notices at the fumigation area and all points of access to the risk area. Be sure that any gas generated within the flask during transport from the treatment area is contained. Place the flask into a suitable bag. Label the bag and place the written confirmation that the waste treatment methods have been completed, date and sign. Seal the bag using tie wraps. Once at designated storage area and prior to waste collection, whilst wearing a full face respirator with appropriate gas filter cartridge (which meets P3 standard for particulates) or SCBA (contact your PPE supplier for advise on suitable PPE and RPE) and whilst wearing suitable gloves and skin protection such as rubber/PVC gloves and coveralls, remove the flask from the sealed bag. Remove caps, taking care and painting flask away from face and other people, as any generated gas may be present. Insert the flask on a mesh shelf to secure caged area until all gas has vented from the flask. We recommend venting the flasks for 48 hours. Once venting is complete, re-cap flask and replace into and seal the plastic bag. Record on the written confirmation that the flask has been vented off in a designated secure storage area until collection by a licensed waste-disposal contractor. The written confirmation should include the name of the waste disposal contractor and the details of any contacted to collect the flask.

**FIRST AID**

- **Important:** The Poisons Act 1972 applies to this product.
- **Quite inevitably, the kind of use made and the method of treatment adopted in each case are beyond our control. We are thus not able to take any responsibility for possible failures or for any damage caused to men, animals or materials.**

**Waste Treatment Methods:** All pesticides must be disposed of as hazardous waste. Never wash out empty flasks with water. Empty the flask completely at site of use by upending and tapping the container so that any remaining powder residue is deposited. Check that the flask is visibly empty. If residue remains, repeat upending and tapping until fully removed. Ensure that the empty flask is kept dry.

**Product/packaging disposal:**

- **Disposal of waste flask:** Handle and store empty flask as if they still contained product. Flasks must never be rinsed or cleaned. Place the cap back onto the empty flask (loosely) this action should only be carried out prior to transporting to designated storage area, flask should NOT be re-capped if they still contain pellets, ensure that all product is used during the pest control treatment. This will help to ensure that any gas generated within the flask during transport from the treatment area is contained. Place the flask into a suitable bag. Label the bag and place the written confirmation that the waste treatment methods have been completed, date and sign. Seal the bag using tie wraps. Once at designated storage area and prior to waste collection, whilst wearing a full face respirator with appropriate gas filter cartridge (which meets P3 standard for particulates) or SCBA (contact your PPE supplier for advise on suitable PPE and RPE) and whilst wearing suitable gloves and skin protection such as rubber/PVC gloves and coveralls, remove the flask from the sealed bag. Remove caps, taking care and painting flask away from face and other people, as any generated gas may be present. Insert the flask on a mesh shelf to secure caged area until all gas has vented from the flask. We recommend venting the flasks for 48 hours. Once venting is complete, re-cap flask and replace into and seal the plastic bag. Record on the written confirmation that the flask has been vented off in a designated secure storage area until collection by a licensed waste-disposal contractor. The written confirmation should include the name of the waste disposal contractor and the details of any contacted to collect the flask.

**Batch number / Expiry date:** See print on flasks.

**Withholding period:**

- **After airing, the following withholding periods must be observed for edible commodities:**

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Minimum Dosage</th>
<th>Maximum Dosage</th>
</tr>
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<tbody>
<tr>
<td>Cereals, cereal products, dried fruit, pulses, dried, vegetable oils</td>
<td>5 g PH3/m³ (5 tablets/m³)</td>
<td>10 g PH3/m³ (10 tablets/m³)</td>
</tr>
<tr>
<td>Cereals on ships in transit tablets/m³</td>
<td>5 g PH3/m³ (5 tablets/m³)</td>
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</tr>
<tr>
<td>Packaged tobacco</td>
<td>5 g PH3/m³ (5 tablets/m³)</td>
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</tr>
<tr>
<td>Space fumigation</td>
<td>5 g PH3/m³ (5 tablets/m³)</td>
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**This product is approved under Regulation (EC) No 1107/2009.**

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**FIRST AID**

- **If any of the above mentioned symptoms occurs or if poisoning is suspected:** STOP WORK, IN CASE OF ANY INCIDENT OR IF YOU FEEL UNWELL seek medical advice immediately. Symptoms of phosphine poisoning include faintness and a feeling of constriction in the chest. Remove patient into fresh air. Prevent all exertion. Keep patient warm. Call doctor AT ONCE and show him this label. If breathing stops or shows signs of failing administer artificial respiration using oxygen and a suitable mechanical device such as a bag and mask. Do not use mouth-to-mouth resuscitation.

**Guide to doctor**

- **No specific antidote is known.** Treatment for suspected poisoning should be symptomatic and supportive care.

**Waste Treatment Methods:**

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