

# TALUNEX

## IMPORTANT INFORMATION:

**Contains 56% w/w aluminium phosphide**

### **Please note:**

MAPP 15974 and MAPP 17001 both apply to the use of this product and the following additional requirements listed on page 1 of this label tag now also apply to its agricultural and horticultural uses.

MAPP 15974 applies to the non-agricultural /biocidal uses of this product when used against vertebrate pests (other than rodents), and the restrictions listed on the flask label applies for this use.

UK-2016-1044-0002 applies to the non-agricultural /biocidal uses of this product when used as a rodenticide, and the restrictions on page 2-10 of this label tag applies for these uses.

Maximum individual dose: 5 pellets / 3-5m tunnel length (light soils) 5 pellets / 8-10m tunnel length (all other soils).

Maximum number of treatments 4 per year. Crops must not be planted for at least 7 days after a treatment. This product must not be used in burrows within 10m of surface waters or ditches. Water voles are protected under the Wildlife and Countryside Act 1981 and Phostoxin must not be used in their burrows or any water systems where there is evidence of current vole activity.

This information forms part of the authorised label. Read the full label and enclosed information thoroughly before use.

Degesch

TALUNEX

Active ingredient: Aluminium phosphide releasing phosphine (56.0% w/w)

Contains Ammonium carbamate (CAS 1111-78-0, EC number 214-185-2)

Authorisation number: UK-2016-1044-0002

A ready-to-use- gas generating product containing Aluminium Phosphide releasing phosphine (56.0 % w/w) for use as a rodenticide by trained professionals with demonstrated competence.

For the control of brown rats (*Rattus norvegicus*). For use outdoors in rodent burrows away from human habitation. For use in all types of non agricultural areas where rodent burrows can cause damage (e.g. railway embankments, tracks, gravel edges, border routes, dams and flood dikes, sport venues (golf courses), gardens and parks, port traffic areas, airfields and other kinds of technical areas).



**DANGER**

In contact with water releases flammable gases which may ignite spontaneously. Fatal if swallowed. Toxic in contact with skin. Fatal if inhaled. Causes serious eye damage. Causes skin irritation. Very toxic to aquatic life. Contact with water liberates toxic gas. Contact with acids liberates very toxic gas. Keep away from any possible contact with water, because of violent reaction and possible flash fire. Protect from moisture. Keep only in original container. Avoid release to the environment. Wear protective gloves / protective clothing/ eye protection/ face protection. IF SWALLOWED: Immediately call a POISON CENTRE or doctor/ physician. IF INHALED Remove person to fresh air and keep comfortable for breathing. Brush off loose particles from skin. In case of fire: use dry sand or powder then use CO2 for extinction. Store in a dry place. Store in a closed container. Store locked up. To avoid risks to man and the environment comply with the instructions for use.



UN 1397 Aluminium Phosphide mixture

### USE SPECIFIC INSTRUCTIONS FOR USE

The required amount is applied using the relevant tablet/pellet applicator. Apply 5x 0.6g pellets every 3-5m burrow length (light soils), or 5 x 0.6g pellets every 8-10m burrow length (all other soils). The product should be used when burrows/holes appear. It must not be used within 10m of human or non-target animal habitation. Use should be avoided where there is evidence of non-target animal activity (badger, fox reptiles etc).

FOR USE ONLY AS A RODENTICIDE. FOR OUTDOOR USE ONLY.

To be used only by professional users holding accredited qualifications in the use of metallic phosphides in the UK. A list of approved qualifications and training bodies can be found at the Register of Accredited Metallic Phosphide Standards in the UK (RAMPS) ([www.ramps-uk.org](http://www.ramps-uk.org)).

Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Refer to HSE Guidance Note 251: Health and Safety guidance for employers and technicians carrying out fumigation operations and the RAMPS UK Code of Good Practice (or equivalent) for guidance.

When this product is supplied to a user for the control of rodents it shall only be supplied to a professional user holding accredited qualifications in the use of metallic phosphides in the UK.

The COSHH (Control of Substances Hazardous to Health) Regulations 2002 (as amended) apply to the use of this product at work.

WEAR SUITABLE protective clothing (coveralls) suitable protective gloves and suitable respiratory protective equipment\* when applying the product.

\*Full face mask to at least EN140 with a B2 P3 filter to **at least EN 14387B1** or equivalent.

(Eye protection with a full face mask is indicated above to protect from local effects of eye irritation because of the additive ammonium carbamate.)

However engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

In case of incidental contact to the biocidal product protective gloves shall be recommended for precautionary reasons (e.g. clearing soil from the outlet of the delivery tube).

Avoid any unnecessary contact with the product. Misuse may cause adverse effects on health.

Use only with applicator supplied for use with the pellets of this biocidal product.

If an applicator is used, it shall be cleaned after use. The cleaning shall be performed outdoors preferably in light winds (observe the wind direction) and with careful avoidance of exposure to humans and animals to product dusts and/or phosphine.

Once the flasks have had any remaining dust residue tapped from them and whilst still wearing full PPE, including full face respirator with a minimum B2 P3 filter, repeat this initial cleaning process with the empty applicator whilst operating the trigger mechanism for a number of times to remove any dust or particles that may still be present. Ensure you then transport the applicator together with the empty flasks in a sealed container (300 gauge plastic bag would suffice), in an unoccupied compartment on the vehicle well away from the driver's cab, to a suitable place where all of these items can be

safely vented and aired ( whilst again wearing PPE/RPE ) until no further phosphine is liberated. Do not allow the applicator or the flasks to become wet at any time."

'As a precautionary measure a risk area must be respected which will include a safety distance of at least 25 metres from the fumigation area to the edge of the surrounding area. If by organisational measures ( signposting, barrier tape, written agreement with the owners or authorised users etc. ) it can be ensured that no person or farm and / or domestic animals are present in the surrounding areas, the safety distance (and therefore the risk area) may be reduced. The specifications for this risk area and the duration of the control measures remain unaffected.

The concentration of phosphine outside the 25 metre wide risk area ( or less, if applicable ) has to be below 0.01 ppm.

Re-entry for persons into the risk area other than the operator should only be allowed if a clearance is granted and the concentration of phosphine is below 0.01 ppm, (corresponding to 0.014 g /m<sup>3</sup>.)

Suitable portable gas detectors such as Dräger Pac<sup>®</sup> 7000 should be used to detect levels of phosphine gas air concentrations at 0.01ppm or above. Further information can be found at the Register of Accredited Metallic Phosphide Standards in the UK (RAMPS) (<http://www.ramps-uk.org>).

Inhabitants and/or authorised users of premises directly adjacent or in a distance of up to 25m to the fumigated area shall be informed adequately at least one week before fumigation in writing about the risk posed by the biocidal product. The information includes at least: a) The name of the fumigant b) the authorisation number c) the name of the active substance d) information about the route of exposure (inhalation) e) the limited sensory perception of phosphine through impurities (carbide- or garlic-like, foul smelling fish) f) the request to leave immediately the area after olfactory perception (the smell is often only perceptible about health-based limits) g) description of disease symptoms of intoxication after inhalation h) description of recommended first aid measures i) further sources of information (manufacturer of the biocidal product, name and telephone number of the user, competent poison control centre).

If the danger area is accessible for the general public, farm and/or domestic animals, it has to be secured before beginning of fumigation and for two consecutive days, at least: a) by an appropriate cordon (e.g. red/white barrier tape) b) a warning sign: acute toxicity symbol (skull and cross bones) with the following features: i) "Danger because of soil fumigation. Very toxic gases! Danger to life! No trespassing!" ii) the name of the biocidal product as well as the date and time of the fumigation, the address of the responsible person as well as adequate emergency telephone numbers.

The product must not be used within 10 metres of human or non-target animal habitation.

It has to be ensured that treated burrows do not meet cellars or other parts of housings.

Safely close the hole in which pellets are applied, with a plug.

The product must be applied to all burrow entrances in order to prevent target animals from escaping via untreated burrows.

The treated area has to be inspected at appropriate intervals to ensure that all burrows have remained blocked and not re-opened by any target organisms.

If use of this product does not result in complete control of large rat infestations, further treatment with other control methods may be required to fully control the population.

Use all contents of flask in one operation.

Empty flasks can be re-sealed only for transport to waste storage area.

To avoid risks to man and the environment, comply with the instructions for use.

Areas where other burrowing animals can be expected must not be treated.

Avoid uncontrolled release to the environment.

Do not contaminate water with product or its container.

This product must not be used in burrows within 10m of surface waters or ditches.

This product must not be used in wet weather.

This product must not be placed or allowed to remain on the ground surface.

#### **FIRST AID:**

**Symptoms of Poisoning following inhalation** These may include nausea, vomiting, headache, weakness, faintness, pain in chest, cough, chest tightness and difficulty in breathing.

**First aid measures** If any of the mentioned symptoms occurs or if poisoning is suspected: STOP WORK IN CASE OF ACCIDENT 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. Please refer to the Safety Data Sheet for further information.

**Guide to doctor** No specific antidote is known. Treatment for suspected poisoning should be symptomatic and supportive care. Further advice should be sought from the National Poisons Information Service (<http://www.npis.org/>)

**After eye contact:** Remove powdery residues using a lint-free cloth. Rinse with plenty of water only when no more powdery residues are visible.

**After skin contact:** Remove powdery residue by brushing. Rinse with plenty of water only when no more powdery residues are visible.

#### **DISPOSAL**

For active substances, biocidal product and residues waste code 061301 according to Guideline 2001/118/EEC is applied.

It is recommended that only degassed material should be disposed of under observation of the prevailing regulations (waste code 060316 according to Guideline 2001/118/EC).

In the UK: The product and /or its container must be disposed of to a licensed hazardous waste disposal contractor or collection site except for empty cleaned containers which can be disposed of as non hazardous waste.

#### **STORAGE INSTRUCTIONS**

Keep cool. Protect from moisture. Store in a dry place. Store in a closed container. Store in a well ventilated place. Place away from water or moisture. Keep only in the original container. Do not store or reseal part-used flasks. Store locked up. Shelf life: 5 years.

#### **OTHER INFORMATION**

Information for UK suppliers: Aluminium phosphide is a Regulated Substance under the Control of Poisons and Explosives Precursors Regulations 2015. Information on the responsibilities of suppliers is given at <https://www.gov.uk/government/publications/supplying-explosives-precursors/supplying-explosives-precursors-and-poison>. Sale and supply of aluminium phosphide is governed by the Poisons Rules 1982\* made under the Poisons Act 1972. It is scheduled as a Part 1 Poison.

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