

PRODUCT SAFETY DATA SHEET: LUXAN TALUNEX

ACTIVE INGREDIENTS: Aluminium Phosphide CA Reg No 20859-73-8

COMPOSITION: Aluminium phosphide..... 570g/kg
Co-formulants: inert; hydrophobic substances and fire suppressants.

FORMULATION TYPE: Round pellet, approximate weight 0.6g. Phosphine gas, which has a garlic/ammoniacal smell, is produced in contact with moisture. Phosphine is slightly soluble in water and is heavier than air SG 1.2 (air L)

MAFF APPROVAL STATUS: Approved under the Control of Pesticides Regulations 1986. For use only as a vertebrate control agent of rabbits and moles. For application only by means of the 'Topex Applicator' or other equivalent equipment. To be used only by an operator trained in the use of aluminium phosphide and familiar with the precautionary measures to be observed.

USE: For the control of rabbits and moles.

REGULATIONS: Subject to the Poisons Rules 1982 and scheduled in the Poisons List as a Part 1 Poison, under the provisions of the Poisons Act 1972.

Subject to The (COSHH) Control of Substances Hazardous to Health Regulations. Note: the approved use is exempted from Regulation 13 of (COSHH) 1988, requiring provision of notice prior to application and marking of treated areas.

RISK CLASSIFICATION: VERY TOXIC if swallowed, by inhalation and in contact with skin. HIGHLY FLAMMABLE. The product liberates toxic, highly flammable gas (phosphine) upon exposure to moisture.

MAXIMUM EXPOSURE LIMITS: Long term exposure limit (8 hour TWA period) = nil. Short term exposure limit (10 minute ref period) = 0.3 ppm or 0.4mgm⁻³ (These standards apply to phosphine).

HEALTH HAZARDS: Not considered a hazard to health when handled and used as directed, other than as indicated by the RISK CLASSIFICATION. Aluminium phosphide is not known to cause chronic poisoning.

SYMPTOMS AND EFFECTS: Mild exposure by inhalation causes faintness, headache, nausea and chest tightness. Moderate poisoning causes weakness, vomiting, pain in the chest, cough and difficulty in breathing. In severe cases pulmonary oedema may occur, usually within 24 hours of exposure, but may be delayed for a few days.

OPERATOR PROTECTION: Ideally two operators should work together. Wear suitable protective gloves (synthetic rubber/plastics) when handling the product. Wear coveralls. Avoid all contact by mouth or with skin. Do not breathe gas. When using do not eat, drink or smoke or use naked lights. Open container outdoors immediately before use ensuring the container is pointing away from the operator. Do not use in wet weather. Wash hands and exposed skin before eating, drinking or smoking and after work. In case of accident or feeling unwell, seek medical advice immediately (show the label where possible).

PROTECTION: Not to be used within 10 metres of human or animal habitation. Pellets should not be placed or allowed to remain on the ground surface.

PROTECTION OF LIVESTOCK: As above.

ENVIRONMENTAL PROTECTION: Dangerous to fish or other aquatic life. Do not contaminate surface waters or ditches with chemical or used container. Not to be used adjacent to water courses.

PACKAGING: Aluminium container with polythene screw cap containing approximately 160 pellets, weighing 100g. Designed to become an integral part of the Topex Applicator when in use.

STORAGE: Keep in original container, tightly closed, in a safe cool, dry place. Do not re-seal part used containers. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.

TRANSPORT INFORMATION:

UN No:	1397	
UK	CPL Conveyance:	Class 4.3, Packing group 1, Aluminium Phosphide
International:	Sea: IMDG	Class 4.3, Packing group 1, Aluminium phosphide.
	Air: ICAO	Class 4.3, Packing group 1, Aluminium phosphide.
	Road: ADR	Class 4.3, item 18°(a)

Use secure stowage.

ACCIDENT/EMERGENCY:

Nature of Hazard: Highly toxic, usually fatal if swallowed. Toxic gas (phosphine) evolved in presence of water. phosphine gas is spontaneously flammable in air.

Protective clothing: Do not enter contaminated atmosphere unless wearing full protective clothing and self-contained breathing apparatus.

Spillages: If spillage occurs outdoors bury spilled pellets from broken containers immediately with at least 15 cm of soil cover. Keep upwind. Keep public away from danger area. Advise police immediately if spillage occurs into water or drainage systems. Do not flush affected area with water.

Fire: Phosphoric acid may be generated in the event of a fire. Do not use water. Extinguish by covering with sand. use CO2 or dry powder extinguishers.

Procedure: Ventilate spillage area and establish free from phosphine gas using appropriate gas sampling equipment such as Kitagawa or Draeger detection units.

FIRST AID

Eyes: May cause irritation to eyes. Irrigate eyes immediately with running water for at least 15 minutes. Seek medical attention immediately.

Skin: Remove any contaminated clothing. Brush or shake any residues from clothing or skin in a well ventilated area. Wash underlying skin with soap and water immediately. Seek medical attention.

Inhalation: Remove to fresh air and seek medical attention immediately. Keep patient warm and prevent all exertion. 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.

Ingestion: Do not induce vomiting. If unconscious place in the recovery position. Take patient to hospital immediately. Keep under medical supervision for several days - risk of pulmonary oedema. Contact nearest National poisons Information Centre for advice on further treatment.

DISPOSAL

Product: Dispose of via an authorised disposal contractor.

Contaminated waste: Bury immediately with at least 15 cm of soil cover.

CONTAINERS: EMPTY CONTAINER COMPLETELY and dispose of safely in accordance with the guidelines given in 'Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings'. DO NOT RE-USE CONTAINER FOR ANY PURPOSE. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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