



Registration number – UK2016-1044, MAPP09315, MAPP17000

Appearance – Grey spheres

Describe the activity or work process.
(Inc. how long/ how often this is carried out and quantity substance used)

Tablets applied directly into the burrows of Moles, Rabbits or Brown Rats for the protection of public health and to protect crops. On contact with moisture Phosphine gas is liberated. Minimum of one flask is used per treatment as part stored containers cannot be maintained. One tablet per 3-5m of soil (light) and 8-10m in heavy soil. To be used ONLY by CERTIFIED persons.

Location of process being carried out?

Externally, minimum of 10m from occupied building or watercourse

Identify the persons at risk:

Employees

Sub-contractors













Public

Name the substance involved including active ingredient, in the process and its manufacturer.
(A copy of a current safety data sheet is attached to this assessment)

Phostoxin (56% Aluminium Phosphide) – Rentokil

EMERGENCY NUMBER - 01342833022

Classification (state the category of danger)

	<input type="checkbox"/>	Long term health affects		<input type="checkbox"/>	Irritant - dermatitis causing		<input type="checkbox"/>	Extremely Flammable
	<input checked="" type="checkbox"/>	Toxic – fatal if swallowed		<input type="checkbox"/>	Sensitising		<input checked="" type="checkbox"/>	Flammable
	<input type="checkbox"/>	Corrosive		<input type="checkbox"/>	Biological		<input type="checkbox"/>	Compressed Gas
	<input type="checkbox"/>	Harmful – eye irritation		<input type="checkbox"/>	Oxidising		<input checked="" type="checkbox"/>	Environmental

Hazard Type



Gas



Vapour



Mist



Fume



Dust



Liquid



Solid



Other (State)

Route of Exposure



Inhalation



Skin



Eyes



Ingestion



Other

(State)

Workplace Exposure Limits (WELs) please indicate n/a where not applicable

0.14mg / m³

Short-term exposure level (15 mins): 0.28mg / m³

State the Risks to Health from Identified Hazards

EC Classification:

H260; In contact with water releases flammable gases which may ignite spontaneously. H300; Fatal if swallowed. H310; Fatal in contact with skin. H315; Causes skin irritation. H318; Causes serious eye damage. H330; Fatal if inhaled. H400; Very toxic to aquatic life. EUH029; Contact with water liberates toxic gas. EUH032; Contact with acids liberates very toxic gas. EUH070; Toxic by eye contact.

Control Measures:

Always read label / MSDS and comply with RAMPS code of practice before use and comply with details.

Two operatives to be in attendance during application









Control of treated area to be maintained for 48 hours and released once confirmation of clear status achieved as per RAMPS CoP

To be used by trained operative (professional) only holding appropriate accredited training certification
 Keep in original, labelled container. Keep away from water or sources of moisture
 Entire contents of flask to be used
 Flask to be opened away from body with wind moving across
 Remain in control of substance at all times.
 Stocks to be held by supplier and collected on as close to time of the treatment
 Storage to be restricted to labelled container during treatment
 Records to be kept on usage and location in pest control master file.
 Applicators must be used when applying the product
 Operator to wear suitable PPE when handling and applying as detailed below. Records of PPE maintenance to be held centrally.
 Waste product to be retained and disposed of by Pest Control operator as per EA guidelines
 No crops to be planted in treated area until after 7 days
 Applicator cleaning to be undertaken as per code of practice.

Safety Phrases:
 P223; Keep away from any possible contact with water, because of violent reaction and possible flash fire.
 P232; Protect from moisture.
 P234; Keep only in original container.
 P260 Do not breathe gas.
 P273; Avoid release to the environment.
 P280; Wear protective gloves / protective clothing/ eye protection/face protection.
 P301 + P310; IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. P304 + P340 + P310; IF INHALED
 Remove person to fresh air, immediately call a POISON CENTRE or doctor / physician.
 P312 CALL A POISON CENTRE or doctor/physician if you feel unwell.
 P335; Brush off loose particles from skin.
 P370 + P378; In case of fire: use dry sand or powder then use CO2 for extinction.
 P402 +P403 + P404; Store in a dry, well ventilated place. Store in a closed container.
 P405; Store locked up.
 P501. Dispose of contents / container to a licensed hazardous waste disposal contractor or collection site

Is health surveillance or monitoring required? Yes No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>		 <input type="checkbox"/>	
Dust mask		Visor	
 <input checked="" type="checkbox"/>	Full face mask with B2P3 filter. Filter to be changed at the start of each job	 <input type="checkbox"/>	
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile minimum 300mm in length worn on the inside of the coverall	 <input checked="" type="checkbox"/>	Disposable style coverall to be changed removed at the end of the treatment for venting and disposal.
Gloves		Overalls	
 <input checked="" type="checkbox"/>	Steel toe cap boots to be worn as per company dress code.	 <input type="checkbox"/>	
Footwear		Other	

First Aid Measures

Inhalation: Do not enter contaminated atmosphere, otherwise wear self-contained breathing apparatus. Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary. DO NOT give mouth-to-mouth resuscitation. Seek medical advice immediately
Skin: Remove immediately, brush or shake any residues from clothing and skin in a well-ventilated area. Allow clothes to aerate for a number of hours prior to machine washing. Seek medical advice immediately.
Eyes: Rinse immediately with plenty of water. Obtain medical attention.
Ingestion: Immediately call a POISON CENTRE or doctor/physician. **Emergency number: +44 (0)1342 833022**

Storage / Spillage

Storage: Store in original flask in a cool dry ventilated place out of reach of children and away from food drink and animal feeding stuffs. USE ALL CONTENTS OF THE FLASK. DO NOT RE-SEAL. Spontaneous combustion can arise due to sudden release of phosphine gas if a flask having been opened once is then re-opened.
Spillage Evacuate the spillage area and ensure the area is well ventilated. Wear and use suitable protective clothing and equipment using SCBA. Prevent dispersion. Clean up the remainder carefully. DO NOT USE WATER FOR CLEANING. The area should be kept secure and aerated until checked for zero gas concentration using appropriate gas sampling equipment. Remove as hazardous waste according to National or local legislation.

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other

Is exposure adequately controlled? Yes No

Risk Rating Following Control Measures

High

Medium

Low

Assessed by: Paul Westgate

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