








 CHILTERN PEST SOLUTIONS	<h1>COSHH Risk Assessment</h1>	Reference	16	
		Review Period	Annually	
	<h2>PHOSTOXIN</h2>		Rev. No.	1
			Issue Date	17/08/2024

PRODUCT MANUFACTURER	SDS Date/Version
Rentokil	13.10.2023 v22.0
	HSE No/Authorisation No
	MAPP 09315 / 17000

PRODUCT DESCRIPTION (colour, form, odour)	INGREDIENTS AND CONCENTRATIONS
Grey spheres	Phostoxin (56% Aluminium Phosphide)

DESCRIPTION OF ACTIVITY OR PROCESS (including duration & frequency of use and quantity & location of use)
<p>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.</p>

CLASSIFICATION								
								
		√		√			√	√









HAZARD CODES AND HAZARD STATEMENTS			
H260	In contact with water releases flammable gases which may ignite spontaneously.	H330	Fatal if inhaled.
H300	Fatal if swallowed.	H400	Very toxic to aquatic life.
H310	Fatal in contact with skin.	EUH029	Contact with water liberates toxic gas.
H315	Causes skin irritation.	EUH032	Contact with acids liberates very toxic gas.
H318	Causes serious eye damage.	EUH070	Toxic by eye contact.
SIGNAL WORD	Danger	(Other Hazards)	Aluminium phosphide meets the T criterion, but not the P or B criterion.

HAZARD & EXPOSURE															
Hazard Type							Exposure Route				Who is at Risk?				
Solid	√	Dust	√	Mist		Vapour		Inhalation	√	Eyes		Employees	√	Client	√
Liquid		Gas	√	Fume		Other		Ingestion		Skin	√	Contractors	√	Public	√

CONTROL MEASURES
<p>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 Applicators must be used when applying the product</p>

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.

PPE OTHER THAN STANDARD UNIFORM AND SAFETY WORKBOOTS (State type and standard, including filter type)

	Safety glasses			Dust mask	
	Goggles			Respirator	Full face mask with B2P3 filter. Filter to be changed at the start of each job
	Visor			Coveralls	Disposable style coverall to be changed removed at the end of the treatment for venting and disposal.
	Gloves	Nitrile minimum 300mm in length worn on the inside of the coverall		Other/Notes	

STORAGE

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.
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SAFETY

Safety Phrases	<p>P223 - Do not allow contact with water. P232 - Protect from moisture. P234 - Keep only in original packaging. P260 - Do not breathe dust, 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 CENTER, a doctor. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310 - Immediately call a POISON CENTER, a doctor. P312 - Call a POISON CENTER, doctor if you feel unwell. P335 - Brush off loose particles from skin. P370+P378 - In case of fire: Use sand, extinguishing powder, carbon dioxide (CO₂) to extinguish. P402 - Store in a dry place. P403 - Store in a well-ventilated place. P404 - Store in a closed container. P405 - Store locked up. P501 - Dispose of contents and container to a hazardous or special waste collection point.</p>
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DISPOSAL COMPONENTS

DISPOSAL COMPONENTS			EWC Code	
Hazardous Waste	Commercial Waste	Domestic Waste	Return to Supplier	Recycling
√			√	

FIRE (hazards & extinguisher type)

	Water Spray	Dry Powder	Foam	CO ₂	Wet Chemical
In case of fire hazardous combustion gases are formed, caustic phosphoric acid aerosols (phosphide pentoxide). Do not enter fire area without proper protective equipment, including respiratory protection.		√		√	

SPILLAGE MEASURES

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.

FIRST AID MEASURES

Swallowed	Immediately call a POISON CENTRE or doctor/physician. Emergency number: +44 (0)1342 833022
Eyes	Rinse immediately with plenty of water. Obtain medical attention.
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.

Inhaled	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.
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RISK RATING FOLLOWING CONTROL MEASURES		
Low	Medium	High
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ASSESSOR DETAILS		
Assessed By:	Phil Spackman	Signature [Initials]: 