

READ ATTACHED INSTRUCTIONS BEFORE USE

A ready-to-use-gas generating product containing Magnesium Phosphide releasing gaseous phosphine (63.74 % v/v) for use as an insecticide by trained professionals with demonstrated competence. For the control of all development stages of Beetles (Anobiidae and Anthribidae) Boring and Longhorned Beetles (Bostrichidae, Buprestidae, Lyctidae and Cerambycidae), Weevils (Bruchidae) Weevils, Bark and Checkered Beetles (Curculionidae, Scolytidae, Cujucidae and Cleridae), Carpet Beetles (Dermestidae), Spider Beetles (Ptinidae), Saw-toothed Beetles (Silvanidae), Darkling Beetles (Tenebrionidae), Moths (Tineidae), Moths (Gelechiidae), Moths (Phycitidae and Pyraloidea) Cockroaches (Blattidae), Termites (Isoptera), Wheat Beetles and False Blister Beetles (Ostomidae and Oedemeridae) and Wasps (Sicridae). For full list of target species, refer to attached instructions before use. For indoor use (containers, flat storage rooms, silos), stacks, cargo holds of ships (fumigation and ventilation only dockside allowed), and storage rooms / buildings (sealed/empty or with stored goods as listed below).

Stored goods authorised for treatment with Degesch Plate	
Packaged animal feed of plant and animal origin	
Packaged food of plant and animal origin of the following categories	Processed cereals (including milled fractions and packaged cereals) Bakery mixes Processed cereal foods (like pasta products, snack foods, cookies etc.) Processed vegetables (potato products) Cured, dried and processed meat and fish products Dairy products (like milk powder, cheese and by products etc.) Processed coffee and condiments Chocolate and chocolate products Processed candy and sugar Processed nuts
Non-food items ² of the following categories:	Processed tobacco and tobacco products Processed natural fibres Feathers Leather, leather products, animal skins and furs Wood, wood chips, furniture, bamboo, rattan and their products Paper and paper products Packaging material: cardboard boxes, paper and jute bags, wooden boxes, etc.)

- As long as the use is not covered by the scope of the Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market.
- As long as the use is not covered by product-type 8 (wood preservatives) of Regulation (EU) No 528/2012: Products used for the preservation of wood, from and including the saw-mill stage, or wood products by the control of wood-destroying or wood disfiguring organisms, including insects. This product type includes both preventive and curative products.

USE-SPECIFIC INSTRUCTIONS FOR USE AND USE-SPECIFIC RISK MITIGATION MEASURES:

Application rate and frequency	1 x 117g plate / 6m ³ (corresponding to 33g phosphine /6 m ³) with an exposure time of 60 hours
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FOR USE ONLY AS AN INSECTICIDE. FOR INDOOR USE ONLY. To be used only by professional users holding accredited qualifications in the use of fumigants to control invertebrates 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). 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 insects, it shall only be supplied to a professional user holding accredited qualifications in use of fumigants to control invertebrates 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 and re-entering treated areas before the phosphine gas air concentration is below 0.03 ppm. *Mask to at least EN 140 with a combination filter to at least EN14387 B2, or equivalent.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection. Liberates phosphine in contact with humid air or water or in combination with moisture.

Magtoxin®

DEGESCH PLATE

Active Ingredient: 63.74% v/v (637.4 g/kg)
Magnesium Phosphide releasing gaseous phosphine (PH₃)
Authorisation number: GB-2016-1045-0003 / NI-2016-1045-0003
UFI: 6G1U-K1P6-2200-RQP2
Contents: 1x117g

This gas is odourless, highly flammable, corrosive and very toxic for humans and animals. Avoid any unnecessary contact with the preparation. Misuse may cause health damage.

DANGER



In contact with water releases flammable gases which may ignite spontaneously. Fatal if swallowed. Harmful in contact with skin. Fatal if inhaled. Very toxic to aquatic life. Contact with water liberates toxic gas. Contact with acids liberates very toxic gas. To avoid risks to human health and the environment comply with the instructions for use. 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 CENTER 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.

MARKETING COMPANY AND REGISTRATION HOLDER

GB: Rentokil Initial UK Ltd., Compass House, RH10 9PY

Product Advice Line: +44(0)151 548 5050

Emergency Line: +44 (0)1342 833 022

NI: Rentokil Initial Limited, Hazel House, W91 PXP3, Ireland.

Description of procedures		Relevant for	
Prior to fumigation	a	Marking of the danger area around the fumigation object and secured with an appropriate cordon. Ensuring that only trained professionals in charge can enter the restricted area. Outside the established danger area the fumigant must not be detectable.	Containers, back stacks, piled goods, empty storage rooms, flat stores, ship's holds (dockside treatment and dockside aeration).
	b	Sealing of ventilation flaps, windows, doors, and other openings.	
Fumigation	c	Placing of 'DEGESCH PLATE'.	
	d	Immediate leaving of the fumigator and sealing of door/other remaining opening.	
	e	Regular measurements of phosphine levels around the object and within the object. If elevated levels are detected around the treated object, the restricted area may have to be expanded.	
Aeration	f	Opening of flaps/windows/others for aeration. Fumigators may enter once the concentration within the fumigated object has been decreased to a level of 0.03 ppm (checked via monitoring lines) with appropriate PPE. Inactivation of product residuals and decomposition products.	
Final gas clearance	g	Once measured phosphine levels are below 0.03 ppm, monitoring can be stopped.	
End of procedure	h	Removal of hazard signs and barriers.	
Ship fumigation	i	The fumigation on ships like barges, inland and coastal motor boats must be carried out at the pier, only. The marked danger area has to be evacuated. Until released by the fumigator, the ship may not leave the pier and may only be entered by trained and sufficiently protected professionals.	Fumigation on ships and coastal motor boats
	j	Storage of fumigated transport units under deck is restricted to cargo space equipped with mechanical ventilation with a ventilation rate of at least two air changes per hour, based on the empty cargo space.	
	k	Fumigation of ships should be carried out in accordance with the recommendations of the International Maritime Organisation (IMO) guidance MSC.1/Circ.1265. MSC.1/Circ.1265 2008 and MSC.1/Circ.1361 2010 (www.imo.org).	
	l	Ventilation of ships' holds from fumigants and the issue of the gas clearance certificate should be undertaken by a qualified fumigator, such as a holder of the British Pest Control Council (BPCA) Module 5 (ships) certificate (or equivalent).	

For further details on the instructions for use please refer to section Risk mitigation measures.

1. Application only by trained professionals. 2. To avoid risks to man and the environment, comply with the instructions for use. 3. During all activities inside the treatment area, suitable personal protective equipment shall be available for all operators. The exposure to phosphine has to be reduced by appropriate protection measures during the following working-steps: opening of package and application, de-sheeting of fumigated stacks, goods, etc.: opening of doors, hatches for ventilation, disposal of residual product.