

QUICKPHOS BAGS

Presentation

Packaged phosphine-generating preparation (PH3) containing aluminum phosphide 563g/kg to combat insects infesting stored goods. Product reserved for approved applicators.

Conditioning

bags of 204g (aluminum pouch containing 1 strip made up of 6 sealed bags of 34g) in drums of 70 bags

bags of 3400g (aluminum pouch containing 1 strip made up of 100 sealed bags of 34g) in drums of 4 bags



Regulatory Information

Active substance: Aluminum phosphide (563g/kg)

N° of MHRA: 2210850

Authorized uses: exact title: Cereals*Processing Harvested Products* Pests of stored foodstuffs

« Cereal » culture included :

- wheat, barley, oats, rye and rice 3 maximum applications per batch of stored foodstuffs.

Authorized uses : exact title: General treatments*Fumigation (disinfestation)*Premises Structures Materials (plant-based products).

Disinfestation by fumigation of cereals, harvested products and stored food pests

The use of aluminum phosphide in agriculture is governed by the following texts, the provisions of which must be strictly respected:

- Order of August 4, 1986 published in the O.N. of August 22, 1986

- Decree No. 88-448 of April 26, 1988 published in the O.N. of April 27, 1988

Any use is subject to declaration at least three working days in advance to the Regional Food Service (SRAL) and can only be carried out by operators qualified by the National School of Agronomic Sciences of Bordeaux

Mode of action and dose of use

Approved dose: 15g/m³

The Quickphos Bags are placed on top of the goods and buried approximately 50cm into the goods which have previously been made gastight.

QUICKPHOS BAGS allows the destruction of insects and arthropods (mites, alucites, weevils, silvains, triboliums, etc.)

On contact with the humid air of the grain, Quickphos Bags releases phosphorous hydrogen; this diffuses quickly and spreads evenly throughout the merchandise. By reaching a lethal concentration level in a few days, it destroys all insects in all respirable forms: adults, all larval stages.

The product leaves no trace of odor, color or taste and does not prevent germination.

Fumigation can be carried out under optimal conditions between 20°C and 30°C and with relative humidity between 50% and 75%.

The exposure time depends on the merchandise, the temperature, the humidity level and the monitoring carried out. The goods may be released as soon as a PH3 level ≤ 0.01 ppm is obtained.

TECHNICAL SHEET

QUICKPHOS BAGS should not be used at a temperature below 10°C. The recommended exposure time of grains according to temperature is presented in the table opposite:

Temperature (°C)	Exposition Time (days)
10 - 15	14
16 - 25	7
25 - 35	5

Security and detection devices

Fumigation operations must be carried out so as not to harm human and animal health or the environment. Ensure of the tightness of the enclosure to be treated and distribute proportionally the desired number of QUICKPHOS BAGS. The handling of processed foodstuffs and free access to the premises are authorized by the certified manager of operations, after verification that the forced or natural degassing has caused the toxic gas concentration to fall below the regulatory danger threshold. Any remaining QUICKPHOS BAGS must be neutralized with water and detergent.

Any fumigation operation is carried out in strict compliance with a procedure aimed at controlling the risks inherent in the handling of dangerous products. UPL has a manual of technical and commercial recommendations as well as various detectors and measuring devices which allow to operate in optimal safety conditions. QUICKPHOS BAGS is distributed by the company SOJAM.

Each operator must be equipped with the following equipment:

- portable gas detector PH3 (phosphine);
- insulating type respiratory protection devices (full face mask DIN EN 136 equipped with an A2B2P3 type cartridge suitable for phosphine filtration). Operators must have a reserve of new filters under validity.
- work suit in 65% polyester/35% cotton with a weight of 230 g/m² or more, with water-repellent treatment conforming to CE type III standard.
- gloves certified for chemical protection according to the reference standard EN ISO 374, nitrile type, minimum thickness 0.4 mm.
- boots made of rubber – nitrile material meeting the requirements of ISO 20345 and EN 13 823-3 for specific resistance to chemicals.

Recommendations

Store locked up and out of reach of children and only in the original packaging, in a cool, dry and well-ventilated place away from acids and at a temperature above 10°C. Dispose of packaging according to current regulations. Very toxic: follow the precautions for use.

TECHNICAL SHEET

Quickphos® Bags : N° of MHRA : 2210850 - Packaged preparation containing 56.3% active substances (i.e. 563 g/kg of Aluminum phosphide) – Gas generating product (GE)
® registered trademark UPL LTD. Holder MHRA : UPL Holdings Coöperatief U.A.
Distributed by UPL France SAS – Tour Voltaire - 2ème étage 1 place des Degrés 92800 PUTEAUX - UPL France holds phytosanitary approval No. 9200008

For authorized uses, doses, conditions and restrictions of use refer to the product label or www.phytodata.com - Respect the precautions for use. Safety Data Sheet available at www.quickfds.com - Before any use, make sure that this one is essential. Favor alternative methods and products presenting the lowest risk to human and animal health and the environment whenever possible, in accordance with the principles of integrated protection.
Consult <http://agriculture.gouv.fr/ecophyto>.

DANGER - H261 - Substances and mixtures which, in contact with water, release flammable gases, category 2. H300 - Acute toxicity (oral), category 2. H312 - Acute toxicity (dermal), category 4. H318 - Serious eye damage/eye irritation, category 1. H330 - Acute toxicity (Inhalation: dust, mist) Category 1. H400 - Dangerous for the aquatic environment - Acute danger, category 1. EUH029 - In contact with water, releases toxic gases. EUH032 - On contact with an acid, releases a very toxic gas. EUH070 - Toxic by eye contact.

