



PHOSTOXIN

Composition:

Sodium fumigant, Phosphine gas generator, in standard and compressed pills, composed of 60% aluminum phosphide, plus a balanced mix of ammonium carbamate and paraffin, that allows a safe and efficient release of the phosphine.

Application method:

Once the bottle has been and the product exposed to the environment, an irritant and pure odor protection gas is released (ammonia + carbon dioxide) followed by (PH₃) . This release will be completed between 48-96 hours depending on the environment. Under standard conditions (20°C and 60% humidity) the Phostoxin will release about 40% of the phosphite in 24 hours and up to 75% at 48 hours. The higher the temperature and humidity, the faster this liberation occurs. If the temperature is less than 5°C this fumigant must not be used.

Field of application:

Bundled products: cereal (wheat, barley, rye, oats, corn, sorghum, rice), legumes (peanut, pea, lentil, etc.), oleaginous (soy, sunflower, etc.), seeds, malt, raw cocoa, pellets, wood, cotton fibers, etc. Bagged products: flour, semolina, dried fruit and vegetables, aromatic herbs, species, chocolate, nuts, cocoa, coffee, pasta, snuff in bales and other elaborated products, can be treated with PHOSTOXIN as long as the packaging can be penetrated by gas. It can also be applied in airtight deposits or under plastic tarpaulins impermeable to gas (Minimum of 100 microns). In these cases the product must not become in contact with the merchandize.

Safety:

The controlled liberation of phosphine, specifically that of ammonium carbamate, allows that only Phostoxin can provide a extraordinary safety in its application.

It is not aggressive to the environment; such that the fumigant and its waste decompose en substances that cause no harm.

La fosfina es un gas altamente activo, un poco más pesado que el aire (densidad = 1,20) con el que se mezcla rápidamente debido a su gran poder de difusión. La fosfina pura es insoluble en agua y grasas y no produce reacciones químicas con los componentes de las mercaderías tratadas. Por lo tanto, Phostoxin® no afecta a los productos fumigados, quedando inalterables sus propiedades químicas, organolépticas, poder germinativo, etc.

Mantenga protegidos a los materiales que contengan metales blandos tales como cobre, plata y oro a la exposición erosiva del Fosfuro de Hidrógeno.