

### INSECTICIDE

#### COMPATIBILITY

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No compatibilities available for this product.

#### DIRECTIONS FOR USE

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**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

#### RESTRICTIONS

Strains of saw-toothed grain beetle and flour mite resistant to organophosphorus insecticides are widespread and resistant strains of rust-red flour beetle have also been found. Where strains resistant to products containing organophosphorus compounds are present, ACTELLIC SMOKE GENERATOR No. 20 is unlikely to give satisfactory control of these pests.

Avoid using smoke generators in windy weather.

A minimum of 20°C is required for best results.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at user's risk.

#### PESTS CONTROLLED

Pests of stored products.

ACTELLIC SMOKE GENERATOR No. 20 is not intended to be used alone. It's purpose is to improve the performance of ACTELLIC 50EC structural surface treatments. It works by causing agitation of insect and mite pests in inaccessible areas and encourages their movement into treated areas.

ACTELLIC SMOKE GENERATOR No. 20 should only be used after an ACTELLIC 50EC spray treatment.

#### SPECIFIC INFORMATION

##### Timing

Grain storage premises should be disinfested in the late spring or early summer. In heavily infested premises, repeat six weeks later or just before harvest.

Latest time of application – before harvest

##### Rates of Use

Maximum individual dose – one generator per 570m<sup>3</sup>

Maximum number of treatments – two.

#### APPLICATION

**Pre-treatment:** The use of ACTELLIC SMOKE GENERATOR No. 20 should always be preceded by thorough cleaning of the grain store by sweeping or by the use of an industrial vacuum cleaner. Burn all sweepings. Spray all surfaces within the store including floor, roof, insides and outsides of storage bins with ACTELLIC 50EC (MAPP 12726). Also spray conveyors, elevators and other handling equipment before using the smoke generator.

**Igniting the generator:** Evacuate all people and livestock and close all ventilators, windows and doors (except exit door) before treatment. Block all known leakages. If more than one generator is required, distribute them evenly on the floor before lighting. Shake

each generator sufficiently to loosen the contents before opening. Remove the lid and light the exposed tip of the fuse with a match or lighter. Do not remove the fuse igniter. The fuse will smoulder and take about 20 seconds to light the generator. Complete ignition rapidly working towards the exit. When igniting more than one generator or in situations where it is not possible to vacate the treatment area immediately after ignition, wear suitable protective clothing (coveralls) and suitable respiratory equipment (half mask to at least EN 136 fitted with filter cartridge to at least EN 143 P3, or equivalent). Leave the store closed for 24 hours and ensure that the doors are locked and suitable warning notices displayed. Ventilate thoroughly for at least one hour before working in the store. Do not re-enter the store within 4 hours of ignition unless wearing a suitable respirator.

**MEDICAL ADVICE**

**SYMPTOMS OF POISONING**

These may include excessive sweating, headache, weakness, faintness and giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.

**FIRST AID**

If any of the above symptoms occur, particularly if there is known contamination, **STOP WORK**.

Remove contaminated clothing. Wash exposed skin and hair.

Prevent all exertion.

Call a doctor **AT ONCE** and show him the label.

**GUIDE TO DOCTOR**

This product contains an anticholinesterase organophosphorus compound.

**Specific treatment**

1. **IN ALL CASES AND AS EARLY AS POSSIBLE** inject atropine sulphate 2mg or pro-rata for children and repeat (if necessary) until fully atropinised.
2. **IF AVAILABLE** administer pralidoxim 1 gramme by intra-muscular injection. Repeat after 3–4 hours.

**Other measures**

1. Keep airway clear.
2. Watch respiration – intubation with endotracheal tube, or tracheotomy may be necessary in conjunction with artificial ventilation.
3. Put patient at complete rest in hospital for 24 hours at least.

**Confirmation of diagnosis**

By estimating cholinesterase activity (5 ml blood, unhaemolysed, collected in an anti-coagulant).

Further advice from:

Syngenta Crop Protection UK Ltd.  
CPC4, Capital Park, Fulbourn, Cambridge CB21 5XE  
(01223) 883400

**IN A TOXIC EMERGENCY CALL (01484) 538444 at any time**

STORE IN A COOL DRY PLACE

### I N S E C T I C I D E

#### SAFETY PRECAUTIONS

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**Precautions marked \* are a legal requirement.**

**(a) Operator protection**

- \* Pirimiphos-methyl is an anticholinesterase organophosphorus compound. DO NOT USE if under medical advice NOT to work with such compounds.
- \* Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
- \* WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT† when igniting more than one smoke generator or in situations where it is not possible to vacate the treatment area immediately after ignition.
  - † Half mask to at least EN 136 fitted with filter cartridge to at least EN 143 P3, or equivalent.
- \* However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
  - DO NOT BREATHE SMOKE.
  - WASH HANDS AND EXPOSED SKIN before meals and after work.
- \* UNPROTECTED PERSONS MUST BE KEPT OUT OF TREATED AREAS for at least four hours after treatment.
- \* VENTILATE TREATED AREAS THOROUGHLY for at least half an hour before re-entry. IF YOU FEEL UNWELL, seek medical advice (show label where possible).

**(b) Environmental protection**

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

- \* EXCLUDE WILDLIFE from buildings during treatment.

**(c) Storage and disposal**

KEEP CONTAINER WITH SEAL UNBROKEN in a safe place.

DISPOSE OF USED GENERATOR SAFELY.

- \* DO NOT RE-USE CONTAINER for any purpose.

**ACTELIC SMOKE GENERATOR NO. 20**



**HARMFUL**

Contains 22.5% w/w pirimiphos-methyl.

\*Pirimiphos-methyl is an anticholinesterase organophosphate. Handle with care.

**HARMFUL BY INHALATION.**

**TOXIC TO AQUATIC ORGANISMS, MAY CAUSE  
LONG-TERM ADVERSE EFFECTS IN THE  
AQUATIC ENVIRONMENT.**



**DANGEROUS  
FOR THE  
ENVIRONMENT**

Keep out of reach of children.

When using do not eat drink or smoke.

Keep away from food, drink and animal feeding stuffs.

Keep away from combustible materials.

Do not breathe fumes.

Avoid contact with skin; wash immediately with plenty of water.

Do not re-use container; keep tightly closed in a safe place.

This material and its container must be disposed of in a safe way.

Use appropriate containment to avoid environmental contamination.



**HIGHLY  
FLAMMABLE**

**To avoid risks to man and the environment, comply with  
the instructions for use.**

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN ACARICIDE/INSECTICIDE IN FOOD STORAGE

For use in empty grain store premises

Maximum individual dose: One smoke generator per 570m<sup>3</sup> of treated space

Maximum number of treatments: Two

Latest time of application: Before harvest

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS  
INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF  
PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

Syngenta Crop Protection UK Limited, CPC4, Capital Park, Fulbourn, Cambridge CB21 5XE  
Tel: Cambridge (01223) 883400

**In case of toxic or transport emergency ring 01484 538444 any time**