



L1128781 GBRI/11C

**GROUP 1B INSECTICIDE**

Smoke generator containing 22.5% w/w pirimiphos-methyl (ISO), also contains 4-methylpentan-2-one, Potassium chlorate.

A broad spectrum acaricide/insecticide for use in conjunction with a structural insecticide spray in empty grain stores for the control of rust-red flour beetle, saw-toothed grain beetle, grain weevil, flour moth and grain mite in cereal grains (wheat, barley, oats, triticale, millet, sorghum, buckwheat, maize rice and rye).

*The (COSHH) Control Of Substances Hazardous to Health regulations may apply to the use of this product at work.*

**90g**

Product names marked ® or ™ are trademarks of a Syngenta Group Company

Product registration number: MAPP 15739  
UFI: YV10-00VM-200H-Y90J

**Approval Holder**

Octavius Hunt Limited  
Redfield, Bristol, BS5 9NQ, UK  
Tel: +44 (0) 117 955 5304

**Marketing Company**

Syngenta UK Limited  
Jealott's Hill International Research Centre,  
Bracknell, Berkshire, RG42 6EY  
Tel: +44 (0) 1223 883400

**In case of toxic or transport emergency  
ring +44 (0) 1484 538444 (24h).**

This product label is compliant with the  
CPA Voluntary Initiative (VI) guidance.

STORE IN A COOL,  
DRY PLACE



The  
Voluntary  
Initiative

**Important:** Peel here for safety information

**ACTELIC SMOKE GENERATOR NO. 20**

Smoke generator containing 22.5% w/w pirimiphos-methyl (ISO), also contains 4-methylpentan-2-one, Potassium chlorate.

**Danger**

**Harmful if swallowed or if inhaled.**

**Suspected of causing cancer.**

**Causes damage to organs (Central nervous system).**

**Causes damage to organs (Nervous system) through prolonged or repeated exposure.**

**Very toxic to aquatic life with long lasting effects.**

Obtain special instructions before use.

Do not breathe dust/smoke.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

IF exposed or concerned: Call a POISON CENTER/ doctor.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**To avoid risks to human health and the environment comply with the instructions for use.**

**MAPP 15739 UFI: YV10-00VM-200H-Y90J**



**IMPORTANT INFORMATION  
FOR PROFESSIONAL USE ONLY**

FOR USE ONLY AS AN ACARICIDE/INSECTICIDE  
IN FOOD STORAGE

Pirimiphos-methyl is an anticholinesterase organophosphorus compound. DO NOT USE if under medical advice NOT to work with such compounds. Handle with care.

For use in crop handling and storage structures  
Maximum individual dose: One smoke generator per 570m<sup>3</sup> of treated space.

Maximum number of treatments per batch of grain: 2 per storage area for stores which are intended to contain cereal grains (wheat, barley, oats, triticale, millet, sorghum, buckwheat, maize, rice and rye)

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

**SAFETY PRECAUTIONS**

**(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 140 fitted with a particulate filter 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 locked up.

DISPOSE OF USED GENERATOR SAFELY.

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

This leaflet is part of the approved Product Label.

## **DIRECTIONS FOR USE**

**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**

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.

## **RESISTANCE**

Actellic Smoke Generator No. 20 contains pirimiphos methyl which is classified by IRAC as an organophosphate insecticide.

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, ACTELIC SMOKE GENERATOR NO. 20 is unlikely to give satisfactory control of these pests.

## **PESTS CONTROLLED**

Pests in Storage Structures.

ACTELIC SMOKE GENERATORS are not intended to be used alone. Their purpose is to improve the performance of insecticidal structural surface treatments. Where good cover from the sprayable treatment is not achieved control from the combined treatment is likely to be reduced. They work by causing agitation of insect and mite pests in inaccessible areas and encourages their movement into treated areas.

ACTELIC SMOKE GENERATORS should only be used after an insecticidal spray treatment.

## **SPECIFIC INFORMATION**

### **Timing**

When to use: 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.

### **Rates of Use**

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

Maximum number of treatments per batch of grain - 2 per storage area for stores which are intended to contain cereal grains (wheat, barley, oats, triticale, millet, sorghum, buckwheat, maize, rice and rye).

For stores which are intended to contain cereal grains treatment is one structural surface treatment of an authorised sprayable structural surface treatment combined with a maximum of two treatments of ACTELLIC SMOKE GENERATOR No. 20.

If a structure is used to store wheat, barley or oat grain treated by admixture before the store is subsequently used to store any other grain or seed, the structure should be cleaned thoroughly to avoid cross-contamination of the following stored crop.

Users are advised to consult the HGCA Grain storage guide for further advice on good storage hygiene.

## **APPLICATION**

### **Pre-treatment**

The use of ACTELLIC SMOKE GENERATORS 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 a structural insecticide spray. 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 140 fitted with a particulate filter 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 3 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**

Keep airway clear

Watch respiration – intubation with endotracheal tube, or tracheotomy may be necessary in conjunction with artificial ventilation.

Put patient at complete rest in hospital for 24 hours at least.

### **Confirmation of diagnosis**

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

Further advice from:

Syngenta UK Limited

Jealott's Hill International Research Centre,

Bracknell, Berkshire, RG42 6EY

Tel: +44 (0) 1223 883400

**IN A TOXIC EMERGENCY CALL +44 (0) 1484 538444 (24h).**

To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier



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