

## NOTICE

### Sulfuryl fluoride

**[in the product: Profume Gas Fumigant]**

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application from Dow Agrosiences Australia Limited for registration of a new product containing the active constituent sulfuryl fluoride. The product is **PROFUME GAS FUMIGANT**. The product is for use in a range of non-food situations and on cereal grains, dried fruit and nuts, in accordance with the details outlined below under “Statement of claims”.

In accordance with sections 12 and 13 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether the application for registration should be granted. Submissions should state the grounds on which they are based. Such grounds should relate only to matters outlined below that the APVMA is required to take into account in deciding whether to grant the application. Comments must be received by the APVMA within 28 days of the date of this notice.

#### **Particulars of Application**

Proposed product name: **PROFUME GAS FUMIGANT**  
Applicant company: Dow Agrosiences Australia Limited  
Name of active constituent: Sulfuryl fluoride  
Signal heading: Schedule 6  
Statement of claims:

For the control of insects in buildings (commercial and residential), and non-residential structures including shipping containers and vehicles (excluding aircraft) and for the control of stored product pests in storage facilities such as silos or warehouses, in fumigation chambers, food handling and commodity processing facilities.

Pack sizes: 56.7kg  
Withholding period: Do not release commodities for consumption for 24 hours following fumigation.

#### **Summary of the APVMA’s evaluation of PROFUME GAS FUMIGANT in accordance with Section 14(3)(e) and (f) of the Agricultural and Veterinary Chemicals Code (the ‘Agvet Code’), scheduled to the Agricultural and Veterinary Chemicals Code Act 1994**

The APVMA has evaluated the application and in its assessment in relation to human and environmental safety under section 14(3)(e) of the Agvet Code, it proposes to determine that:

- (i) The APVMA is satisfied that the proposed use of Profume Gas Fumigant would not be an undue hazard to the safety of people exposed to it during its handling and use.

The Office of Chemical Safety (OCS) has conducted a risk assessment on Profume Gas Fumigant and concluded that it can be safely used in accordance with the recommended

safety instructions and precautions. The APVMA accepts the findings and recommendations of the OCS evaluation.

- (ii) The APVMA is satisfied that the proposed use of Profume Gas Fumigant will not be an undue hazard to the safety of people using anything containing its residues.

Residues data were assessed by the APVMA and Maximum Residue Limits (MRLs) and associated withholding periods (WHPs) are recommended for Profume Gas Fumigant when used on cereal grains, nuts and dried fruit.

Based on the data provided, the following residue definition for sulfuryl fluoride is considered appropriate: *sulfuryl fluoride*.

The recommended withholding period for Profume Gas Fumigant is *Do not release commodities for consumption for 24 hours following fumigation* and will be included on the product label. The following MRLs are recommended for sulfuryl fluoride: cereal grains, 0.05 mg/kg; dried fruit, 0.07 mg/kg and tree nuts 7 mg/kg.

- (iii) The APVMA is satisfied that the proposed use of the Profume Gas Fumigant is not likely to be harmful to human beings if used according to the product label directions.

The Office of Chemical Safety (OCS) has conducted risk assessments on the products and concluded that they can be used safely when used in accordance with the prescribed safety directions. The APVMA accepts the findings and recommendations of the OCS evaluation.

The active constituent (Sulfuryl fluoride) has been evaluated and will be approved at the same time as the product is registered. The OCS recommended Profume Gas Fumigant be included in schedule 6 of the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). The appropriate signal heading has been included on the label. First aid and safety directions for sulfuryl fluoride have been recommended by the OCS and have also been included on the label.

The APVMA accepts the findings and recommendations of its advisors on this criteria.

- (iv) The APVMA is satisfied that the proposed use of Profume gas fumigant is not likely to have an unintended effect that is harmful to animals, plants or the environment.

The Department of the Environment and Water Resources (DEWR) have assessed the environmental risk associated with Profume Gas Fumigant and considers that use according to the label directions is unlikely to have an unintended effect that is harmful to animals, plants or things, or to the environment.

The APVMA accepts the findings and recommendations of its advisor on this criteria.

- (v) The APVMA is satisfied that the proposed use of Profume Gas Fumigant would not adversely affect trade between Australia and places outside Australia.

In relation to its assessment of efficacy under section 14(3)(f), the APVMA proposes to determine that:

- (i) The APVMA is satisfied the data from trials supporting the efficacy of Profume Gas Fumigant adequately demonstrates that under local conditions this product is effective for the proposed uses.

**Public Release Summary**

A Public Release Summary of the evaluation is available on the APVMA website ([www.apvma.gov.au](http://www.apvma.gov.au)) or by contacting Verity Scarlett on telephone (02) 6210 4748. Written submissions on the APVMA's proposal to grant the application for registration are required within 28 days of the date of this notice and should be addressed in writing to:

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