



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

73053 – ON GUARD MEDITERRANEAN FRUIT FLY AND GALL WASP TRAP

1.2 Relevant uses of the substance or mixture and uses advised against:

Operates as an insect trap and also as an insect lure

1.3 Details of the supplier of the safety data sheet:

Supplier: Brunnings Garden Products
Unit 3/19-23 Clarinda Road
Oakleigh South VIC 3167
Australia

1.4 Emergency phone number: (03) 9543-5600 (Mon-Fri; 9am - 4pm AEST)

2. HAZARDS IDENTIFICATION

Eye

As supplied: no hazard.

As used: severe thermal hazard

Skin contact

As supplied: no hazard.

As used: severe thermal hazard

Inhalation

Vapours and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Brunnings Garden Products
3/19-23 Clarinda Road, Oakleigh South, VIC 3167
Tel: +61 3 9543 5600 Fax: +61 3 9543 5300
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Ingestion

Low order of toxicity.

2.1 Classification of the substance or mixture

No European Danger category (67/548/EEC and amendments).

2.2 Label Elements

2.3 Other Hazards

3.COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Hazardous components:

Component Location	Chemical(s)	CAS no	Chemical Formula	% by Weight
Adhesive Trap	Styrene Copolymer, Hydrocarbon Resin, Paraffin Oil, Stabilisers (<1%), Antioxidants (<0.5%)	-	-	100%
Lure Tube Contents	Ammonium Acetate	631-61-8	CH ₃ COONH ₄ or C ₂ H ₄ O ₂ .NH ₃ or C ₂ H ₇ NO ₂	100%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4.FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:

Adhesive Paper: Remove to fresh air. Get medical attention if irritation persists.

Lure: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention

Skin contact:

Adhesive Paper: If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: non-hazardous.

Lure: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.



Eye contact:

Adhesive Paper: If hot, flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: remove as foreign body.

Lure: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention

Ingestion:

Adhesive Paper: None required.

Lure: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, belt or waistband

4.2 Most important symptoms and effects, both acute and delayed**4.3 Indication of any immediate medical attention and special treatment needed.**

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

CO₂; Dry chemical powder. For large fires use water spray, fog or foam. Do not use water jet.

5.2 Special Hazards arising from the substance or mixture

Autoflammability: May be combustible at high temperature

Auto-Ignition Temperature: N/A

Flash point: >250°C

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks of heat. Non-Flammable in presence of shocks.

Hazardous combustion: Carbon monoxide, carbon dioxide, unknown products hydrocarbons.

5.3 Advice for fire-fighters

No special procedures are required.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.2 Environmental Precautions**



6.3 Methods and material for containment and cleaning up

Spill or leakage: Allow to cool and solidify. Scrape up and collect in suitable containers for disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. For a large spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents, acids.

Ventilation requirements: Local exhaust over glue chamber.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature: Ambient. Handling/storage :Store in a cool, dry, well-ventilated area. Keep container tightly closed

7.3 Specific end use(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

8.2 Exposure controls

Protective equipment



Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Splash goggles, Lab Coat, Gloves, Dust respirator (be sure to use an approved/certified respirator or equivalent)

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Personal Protection in case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Consult a specialist before handling this product.

Exposure Limits: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Pure Substance or Prep:	Preparation
Physical form:	Solid (Deliquescent crystals solid)
Appearance/odour:	Amber; Acetous odor
pH as is:	Not applicable
Boiling point :	>250°C
Melting point:	90 - 100°C
Solubility in water:	Adhesive Insoluble. Ammonium Acetate easily soluble in cold water, partially soluble in methanol, acetone. Freely soluble in alcohol.
Relative density:	1.000
Volatiles:	None
Volatile organic compounds:	<1 g/l (180°C)

9.2 Other Information

10. STABILITY AND REACTIVITY

10.1 Reactivity

Ammonium Acetate is Deliquescent; tends to lose ammonia. Incompatible with strong oxidizers such as sodium hypochlorite, peroxides, potassium chlorate, sodium nitrite

10.2 Chemical Stability

Stable

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Excess heat, incompatible materials



10.5 Incompatible materials

Oxidising agents, acids

10.6 Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Effects of chronic exposure:

Lure may cause damage to the following organs; lungs, upper respiratory tract. Use of good industrial hygiene practices is recommended.

Other Toxic Effects on Humans:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), or inhalation

Special remarks on Toxicity to Animals:

LD50 [Rat] – Route: Intraperitoneal; Dose: 632mg/kg. LD₅₀ [Mouse] – Route: Intravenous; Dose: 386mg/kg

Special Remarks on Toxic Effects on Humans (Ammonia Acetate specific):

Acute potential Health Effects: Skin: Causes skin irritation. Eyes: Causes eye irritation. Ingestion: May cause irritation of the gastrointestinal tract with generalized discomfort, diarrhea, nausea, vomiting abdominal pain. With ingestion of large doses of Ammonium Acetate, there arises the possibility of sufficient absorption to produce diuresis and systemic ammonia poisoning. May also affect behavior/central nervous system (tremor, anxiety, impairment of motor performance or recognition, flaccidity of facial muscles) and respiratory system (dyspnea). Inhalation: Dust can irritate the respiratory tract (nose, throat, lungs) with symptoms of coughing, wheezing and/or shortness of breath. Chronic potential health effects: Ingestion: May cause some liver dysfunction, and may affect the brain/central nervous system with symptoms similar to that of acute ingestion. Inhalation: Repeated exposure can irritate the lungs. It may also cause bronchitis to develop with cough, phlegm and/or shortness of breath.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity: Unknown

Aquatic toxicity: None established

12.2 Persistence and degradability

Unknown

12.3 Bioaccumulative potential

Potential to bioaccumulate: No



12.4 Biodegradation

Possible hazardous short term degradation products are not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic

12.5 Results of PBT and vPvB

12.6 Other adverse effects

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste disposal should be in accordance with existing community, national and local regulations. Empty container warnings: Not needed

14. TRANSPORT INFORMATION

14.1 UN number:

ADR/RID: Not applicable

CEFIC tremcard number: Not applicable

IMDG classification: Not applicable

IATA classification: Not applicable

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

14.4 Packing group:

14.5 Environmental hazards:

14.6 Special precautions for user:

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.



Directives 88/379/EEC and 91/155/EEC have been considered when compiling this MSDS; the information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses. Ammonia Acetate is on the European Inventory of Existing Commercial Chemical Substances (EINECS).

15.2 Chemical Safety Assessment

16. OTHER INFORMATION

FDA-status complies with the composition requirements of "Food Packaging Adhesives" – 21CFR 175.105.

Revision Date 03/01/15

Revision 3

MSDS information: Use only in accordance with label instructions. The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation. The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the storage and transportation of the preparation. The information in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by STV International Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature. This Safety Data Sheet is compiled using data submitted for raw materials and practical experience. This product is intended for amateur users only. This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC and Annex II of the REACH regulation 1097 of 2006.

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