

MATERIAL SAFETY DATA SHEET

Flower 'n' Fruit Maker

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Flower 'n' Fruit Maker
Distributor: Agricrop Pty Ltd
ABN: 84 100 473 309
Street Address: 255 Port Road
Hindmarsh, SA 5007
Telephone: 07 3348 4113
Facsimile: 07 3348 2702
Emergency Telephone Number: 1800 033 111 (all Hours)

Substance: 635 g/L Amino acid and peptides mixture
Product Use: Plant health and nutrient chelation

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization

Chemical Entity	CAS No	Proportion
Amino acids and peptides mixture	100085-61-8	50% w/w

Contains no other components or impurities, which will influence the classification with regard to human and environmental risk assessment.

3. HAZARDS IDENTIFICATION

NON HAZARDOUS SUBSTANCE - NON-DANGEROUS GOODS
Not classified as hazardous according to the Australia Dangerous Goods Code.

Risk Phrases: Nil
Safety Phrases: S2 - Keep Out of Reach of Children

4. FIRST AID MEASURES

Inhalation The situation is not probable. Move to fresh air. Seek medical attention if irritation persists.
Ingestion Rinse out mouth with copious quantities of water. Seek medical advice.
Skin Thoroughly wash affected areas with soap and water.
Eye Rinse with copious quantities of clean water keeping the eyelids well open in order to assure an adequate rinsing and seek medical advice.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Take into account the materials present in its vicinity.

Special Protective Equipment for fire fighters

Use auto-respirator and suitable protective clothing.

Specific Hazards: In case of fire due to nearby materials, the product could emit pungent and stifling fumes.

Other Information: Stop fire water from entering drains or water bodies.

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6. ACCIDENTAL RELEASE MEASURES

- Spills & Disposal:** Contain spill with an inert absorbent such as sand or vermiculite. Place in properly closed and labelled container. Dispose of collected material accordingly to local or State regulations.
- Personal Protection:** Use appropriate personal protective equipment (PPE), refer Section 8.
- Environmental Precautions:** Prevent from entering drains, waterways or sewers. This material is a concentrated dye/pigment. Small quantities will colour large volumes.

7. HANDLING AND STORAGE

- Safe Storage:** Store the product in clean and suitable sealed containers in suitable places in order to maintain unchanged and original characteristics of the product.
- Handling:** Obey reasonable safety precautions and practice according to good hygiene and manufacturing procedures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- National Exposure Standards:** No exposure standards assigned.
- Engineering Controls:** Provide adequate ventilation.
- Personal Protection:** Safety glasses are recommended.
- Use good industrial hygiene. Wear face shield or goggles, elbow length PVC gloves, cotton overalls buttoned to the neck and wrist and washable hat. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|--------------------------|--------------|----------------------------------|----------------------|
| Appearance: | Brown liquid | Organic Nitrogen content: | 8% w/w |
| Specific gravity: | 1.27 g/mL | Solubility in water: | Total |
| Flammability: | n/a | pH: | 6-7 for 10% solution |

10. STABILITY AND REACTIVITY

- Chemical stability:** This product does not contain preservatives and it is stable if stored undiluted in closed and clean containers and handled in the suggested conditions.
- Incompatible Materials:** Strong oxidizing agents for the possibility to realize exothermic reaction.
- Hazardous Decomposition:** None known
- Hazardous Polymerization:** Is not known to occur.
- Conditions to Avoid:** Avoid the product storage in open containers and store the product avoiding temperature >30°C. Avoid storage < 4°C for handling purposes due to the increased viscosity.

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity – Oral:** Non toxic
- Eye Irritation:** Non irritant for eyes
- Skin Irritation:** Non irritant for the skin
- Sensitization:** Non sensitizing

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12. ECOLOGICAL INFORMATION

Persistence / Degradability: The product is degradable
Other Precautions: The product is not bio-accumulative
Environmental Protection: There is no data available relative to aquatic toxicity

13. DISPOSAL CONSIDERATIONS

Product Disposal

On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities that hold periodic collections of unwanted chemicals (ChemClear®).

Container Disposal Do not use this container for any other purpose. Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non-returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMuster symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, puncture or shred and bury containers in local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

Storage and Transport

Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule: None Allocated
Packaging & Labelling: None Allocated
Hazard Category: None Allocated
AICS (Australia): None Allocated

16. OTHER INFORMATION

All due care and skill, so far as practicable, has been applied in the preparation and collation of the information in this MSDS. Each user of the Product named in this MSDS should read and consider the information contained in this MSDS in the context of how the Product will be stored, handled, used or applied in the workplace. In all circumstances, it is the responsibility of the user of the Product to ensure that they have sought out the relevant safety data appropriate to their particular situation. Nothing contained in this MSDS shall be construed as a representation or recommendation to the user about the suitability or otherwise of the Product named in this MSDS for the user's particular situation.

If the user requires any clarification or further information, the user should contact Agricrop.

CONTACT POINT: Agricrop Pty Ltd

255 Port Road, Hindmarsh, SA 5007

Telephone: 07 3348 4113 - Facsimile: 07 3348 2702

National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)

Please read all labels carefully before using product.