



AGRISENSE-BCS LTD.

Treforest Industrial Estate, Pontypridd, South Wales, CF37 5SU, U.K.

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MATERIAL SAFETY DATA SHEET

1 PRODUCT NAME:

Product Code:

Ammonia – Based dispensers (Blueberry Maggot Lure)

L080

2 COMPOSITION:

A biscuit shaped polymeric matrix which is composed of a thermoplastic polymer used as a controlled release device for the ammonia attractant. The ammonia is the active ingredient, which is present in the form of ammonium bicarbonate at approximately 50% w/w.

Ammonium bicarbonate:-

CAS No - 1066-33-7

Formula - NH_4HCO_3

3 HAZARD IDENTIFICATION:

* Due to the low toxicity of the dispenser material and attractant, the product represents a very low hazard.

* Ammonia can cause irritation to the upper respiratory tract and mucous membranes.

4 FIRST AID:

CONTACT WITH SKIN:

* Wash hands thoroughly after handling dispensers. If irritation occurs and persists seek medical advice.

CONTACT WITH EYES:

* If contact with eyes occurs, rinse immediately with copious amounts of water, seek medical advice if irritation occurs.

INGESTION:

* If ingestion occurs, seek medical advice.



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INHALATION:

(only applicable if handling bulk quantities).

* If adverse effects are felt (which are unlikely), remove patient to fresh air. Seek medical assistance if symptoms persist.

5 FIRE FIGHTING MEASURES:

* In case of fire, use water, foam, CO₂ or dry powder.

Wear self-contained breathing apparatus and protective clothing.

Hazardous combustion products - Ammonia and carbon dioxide.

6 ACCIDENTAL RELEASE MEASURES:

* In case of spillage, collect Dispensers, seal in foil (or other suitable material) container, and remove.

7.1 HANDLING:

* Do not open packaging until time of use.

* Do not eat or drink when handling the product.

* Wash hands thoroughly after handling.

7.2 STORAGE:

* Store in cool dry conditions.

8.1 PERSONAL PROTECTION:

* As the product is composed of non-toxic components the necessary protection procedures are limited to normal personal and industrial hygiene practices.



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8.2 EXPOSURE LIMITS:

| | | |
|------------------------|---|---|
| * Ammonium bicarbonate | - | not listed. |
| Ammonia gas | - | 25ppm (17mg m ⁻³) 8Hour TWA |
| | - | 35ppm (24mg m ⁻³) 15 minute |

9 PHYSICAL AND CHEMICAL PROPERTIES: (For Ammonium Bicarbonate)

| | | |
|----------------------------------|---|-------------------|
| * APPEARANCE | - | Crystalline solid |
| * ODOUR | - | Ammonical |
| * BOILING POINT | - | Not applicable |
| * MELTING POINT | - | Not applicable |
| * SOLUBILITY IN H ₂ O | - | Soluble |
| * FLASH POINT | - | Not applicable |
| * VAPOUR PRESSURE | - | No data |
| * DENSITY | - | 0.90 |

10 STABILITY AND REACTIVITY:

- * Stable under normal conditions.
Decomposes slowly to ammonia carbon dioxide and water vapour if not kept in closed container.
- * Incompatibilities - water; acids; alkalis.
- * Conditions to avoid - Exposure to excessive heat, sunlight, and moisture.

11 TOXICOLOGICAL INFORMATION:

- * No data

12 ECOLOGICAL INFORMATION:

- * Although no specific data exists, the product is composed of non-toxic components and ecological problems are unlikely.
- * Ammonium bicarbonate may have a toxic affect on fish if allowed to enter water courses.



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13 DISPOSAL:

* Disposal should be in accordance with local, state or national legislation.

14 TRANSPORT REGULATIONS:

* There are no regulatory restrictions affecting the transport of the product.

* Transport conditions should be in accordance with section 7:2.

15 REGULATORY INFORMATION:

* There are no regulatory restrictions which affect this product.

16 OTHER INFORMATION:

* This product does not itself kill insects but may fall within the scope of pesticide regulations when used to mitigate pest populations.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT, BUT DOES NOT CLAIM TO BE ALL INCLUSIVE AND SHOULD BE USED ONLY AS A GUIDE.
AGRISENSE SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM THE HANDLING OF , OR CONTACT WITH THE ABOVE PRODUCT