

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION PRODUCT CODE

Mesh Lure
BF L231

2 COMPONENTS

The pheromone dispenser consists of the following insect pheromone components in a polymer based controlled release device

Chemical Name	Other Names	CAS	EC / EINECS
S(+)-2-hydroxy propionic acid	Lactic acid	79-33-4	201-196-2
Hexanoic acid	Caproic acid	142-62-1	205-550-7
Ammonium hydrogen carbonate	Ammonium bicarbonate	1066-33-7	

3 HAZARD IDENTIFICATION

The nature of the device reduces the immediate hazard of the contents. Details are for neat components
Risk Phrases (R) **X_i – IRRITANT** R36/37/38 Irritating to skin, eyes and respiratory system

4 FIRST AID

CONTACT WITH SKIN

Wash hands thoroughly after handling. If irritation occurs seek medical advice. (S28)

CONTACT WITH EYES

Rinse eyes with copious amounts of water. If irritation occurs seek medical advice (S26)

INGESTION

Do not induce vomiting. If ingestion occurs seek medical advice (S62)

INHALATION

If adverse effects are felt, remove patient to fresh air. If symptoms persist seek medical advice.(S63)

OTHER INFORMATION

If further safety data information is required on the neat components, please contact AgriSense BCS Ltd

5 FIRE FIGHTING MEASURES

In case of fire, use water, CO₂ or dry powder. Wear self contained breathing apparatus and protective clothing

6 ACCIDENTAL RELEASE MEASURES

Contain any liquid spillage and collect using standard absorbents such as sand or vermiculite. Seal absorbents in a suitable container and arrange for disposal. Wear appropriate protective equipment.

7.1 HANDLING

Avoid contact with skin (S24). Do not open packaging until time of use. Do not eat, drink or smoke when handling the product (S20/21). Wash hands thoroughly after handling (S28). Wear suitable protective gloves (S37)

7.2 STORAGE

Keep only in the original packaging in a cool, well ventilated place (S3/9/49). The product may be stored in a freezer (-20 °C)

8.1 PERSONAL PROTECTION

If handling bulk quantities use only in well ventilated area (S51) In case of insufficient ventilation, wear suitable respiratory equipment (S38). Wear suitable protective clothing, gloves and eye protection (S36/37/39)

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8.2 EXPOSURE LIMITS

No Data

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance Polymer based control release device
Odour Characteristic
Flash Point >62 °C
Solubility in water Insoluble

10 STABILITY

Stable under normal temperature and pressure conditions. Avoid strong oxidising agents, acids and bases.

11 TOXICOLOGICAL INFORMATION

To the best of our knowledge the toxicological properties of the device have not been fully investigated. Prolonged contact may cause irritation or be harmful.

Major component (Lactic acid): LD₅₀ oral, rat 3730mg/kg
LD₅₀ dermal >2000mg/kg

12 ECOLOGICAL INFORMATION

To the best of our knowledge, the ecological effects of the device have not been fully investigated. Prevent contamination of soil, ground and surface water

Major component (Lactic acid): EC₅₀ /48hr/daphnia 240mg/l
EC₅₀ /48hr/fish 320mg/l

13 DISPOSAL

Material should be collected and disposed of in accordance with local, state or national legislation. Waste may be incinerated in a chemical incinerator equipped with an afterburner and scrubber.

14 TRANSPORT REGULATIONS

ROAD: Not Regulated
SEA: Not Regulated
AIR: Not Regulated

15 REGULATORY INFORMATION

Risk Phrases (R) X_i – IRRITANT R36/37/38 Irritating to skin, eyes and respiratory system

16 OTHER INFORMATION

To the best of our knowledge, the chemical, physical and toxicological properties of this material have not been comprehensively investigated. Consequently, care should be taken to avoid unnecessary exposure when using this material.

Version No	Date	Reason for Revision
2	24/5/06	Review / update

TO THE BEST OF OUR KNOWLEDGE THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT, BUT DOES NOT CLAIM TO BE ALL-INCLUSIVE AND SHOULD BE USED ONLY AS A GUIDE. ALL MATERIAL MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. AGRISENSE BCS LTD SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM THE HANDLING OF, OR CONTACT WITH, THE ABOVE PRODUCT

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