

A5

1. Product and company identification

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| Commercial name | : A5 |
| Aptitude | : Biological insecticide for thrips and aphids control. |
| Product name | : A5 |
| Company name | : Avance Biotechnologies, Chile Limitada |
| Company identification number | : 77.601.120-7 |
| Company Address | : Barón de Juras Reales 5382 Conchalí, Santiago Chile |
| Emergency phone numbers | : 56-2-6233266 56-9-94366428 |

2. Composition/Information about components

A5, is a mixture of two live bacteria from the Lactobacillus family in an aqueous solution. Both bacteria are beneficial to human beings and pose no health hazard at all to them. Both bacteria are contained in a higher proportion than some dairy products.

3. Risk identification

Product classified as Class IV. Product that normally causes no harm.

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4. Emergency and first aid

- **Eyes:** Wash with abundant water and soap, lifting upper and lower eyelids from time to time. In case of irritation, please consult an ophthalmologist.
- **Skin:** Remove contaminated clothes and wash with detergent. Wash contact zone with abundant water and soap. In case of irritation, consult a dermatologist.
- **Accidental ingestion:** The product does not pose risk when casually ingested. Contact the nearest Toxicology Center, rinse mouth with abundant water. If symptoms continue, consult a doctor.
- **Inhalation:** The product does not pose risks when inhaled. Transfer the affected person to a place with abundant fresh air.
- **Antidote:** There is no specific antidote. Apply symptomatic treatment.

5. Firefighting measures

Product in an aqueous solution, does not pose risk of inflammation. Does not contain in its formulation volatile corroding and/or exploding elements.

6. Measures to be taken in case of accidental spillage

In case of spillage:

- a. Ventilate the premises.
- b. Apply absorbing material, soil, sawdust or others. Pick up with shovels. Eliminate the residue placing it in plastic recipients or adding them crop soil.
- c. Wash floor with chlorinated water.
- d. Use common protection equipment.

7. Manipulation and storage

- Use gloves and clothing protecting equipment.
- Do not inhale. Use approved spraying mask.
- Should not be stored near food.
- Do not pollute waterways when cleaning equipment.
- Do not eat, drink or smoke while the product is being applied.
- Store in a fresh and dry environment, only sealed containers duly marked and identified.

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8. Exposition controls and personal protection

- Eyes: Use safety goggles and face protection. Do not use contact lenses.
- Skin: Avoid contact with product. Use gloves and protective regulatory clothing.
- Inhaling: Reduce product inhaling as much as possible while applying. Use regulatory mask.
- Entrance to treated areas: **A5** has no restrictions to entry in orchards and fields.

9. Physical and chemical properties

Aspect

- Physical: Liquid with tendency to decantate
- Color: Transparent green
- Odor: Reminiscent of dairy products
- pH (aqueous 50/50): 6.5 (1% solution)
- Solubility in water: 100% soluble

A5, DOES NOT contain in its formulation any volatile, explosive and/or corrosive ingredients.

10. Stability and reactivity

- Stability: Stable in normal storage conditions, in original sealed container.
- Dangerous polymerization: The product does not polymerize.

11. Toxicological information

Classification: Product classified as Class IV. Product that normally causes no harm.

The product is not teratogenic, mutagenic or carcinogenic.

Antidote: There is no specific antidote. Apply symptomatic treatment.

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12. Ecological information

A5, attracts bees, does not affect beneficial arthropods and other pollinating agents. Non-toxic for mammals, birds, fish and other aquatic organisms.

A5, does not accumulate in the environment.

13. Disposal considerations

- Consult local legislation.
- Incinerate in controlled dependencies.
- Disposal of empty containers according to existing regulations.

14. Transport relevant information

| Regulation | Class | Packing |
|------------|----------|----------------|
| RID | ADR | Not classified |
| ICAO | IATA-DGR | Not classified |
| Cod.GGVSEE | IMDG | Not classified |

15. Regulatory information

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| S13 | Keep away from food and beverages. |
| S2 | Keep out of reach of children. |
| S20/21 | Do not eat, drink or smoke during the product's use. |

16. Additional information

This product must be stored and manipulated according to established industrial hygiene practices for agricultural products and in accordance with existing regulations. The information contained herein includes the latest knowledge from a safety standpoint. Given this, it should not be supposed that certain properties should be guaranteed.

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17. Warranty notice

AVANCE informs the user that according to analysis to date in its possession, these have demonstrated that the product, applied with our instructions serves the recommended purposes. The information or recommendations from AVANCE do not exempt people who receive them to make their own decisions which may be more convenient for their own correct implementation. Bearing in mind that storage or application of this product is beyond the control of AVANCE and it cannot foresee all the conditions, AVANCE disclaims all liability for any damage that may occur, of whatever nature, as a result of storage or application other than that recommended by the manufacturer. AVANCE will be responsible for product quality, until the expiration date. Any other warranty, whether express or implied, that is not issued in written form by the manufacturer will automatically be discarded.

AVANCE
Biotechnologies, Chile