

# Summary of product characteristics for a biocidal product

**Product name:** AQUABAC XT

**Product type(s):** PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

**Authorisation number:** FR-2019-0100

**R4BP 3 asset reference number:** FR-0008545-0000

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## Administrative information

### 1.1. Trade names of the product

AQUABAC XT
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	CERA
	Address	16, rue de Saint-Pétersbourg 75008 PARIS France
<b>Authorisation number</b>	FR-2019-0100	
<b>R4BP 3 asset reference number</b>	FR-0008545-0000	
<b>Date of the authorisation</b>	01/08/2016	
<b>Expiry date of the authorisation</b>	18/08/2029	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Becker Microbial Products Inc
<b>Address of the manufacturer</b>	11146 N.W. 69TH Place FL 33076 Parkland United States
<b>Location of manufacturing sites</b>	11146 N.W. 69TH Place FL 33076 Parkland United States

### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	5 - Bacillus thuringiensis subsp. israelensis Serotype H14, Strain AM65-52
<b>Name of the manufacturer</b>	Becker Microbial Products Inc
<b>Address of the manufacturer</b>	11146 N.W. 69TH Place FL 33076 Parkland United States
<b>Location of manufacturing sites</b>	11146 N.W. 69TH Place FL 33076 Parkland United States

## 2. Product composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Bacillus thuringiensis subsp. israelensis Serotype H14, Strain AM65-52	Bacillus thuringiensis subsp. israelensis Serotype H14, Strain AM65-52	Active Substance			8
Phosphoric Acid			7664-38-2	231-633-2	0,1

### 2.2. Type of formulation

Soluble concentrate (SC)
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	Contains 1,2 benzisothiasole-3(2H)-one. May produce an allergic reaction.
<b>Precautionary statements</b>	

## 4. Authorised use(s)

## 4.1 Use description

### Use 1 - Professionals – Ground application

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	AQUABAC XT is used for the control of mosquito larvae in water where mosquito breeding occurs
<b>Target organism(s) (including development stage)</b>	Scientific name: Aedes spp. Common name: Mosquitoes Development stage: Larvae (L1 to early L4)  Scientific name: Culex spp. Common name: Mosquitoes Development stage: Larvae (L1 to early L4)
<b>Field(s) of use</b>	Outdoor  Outdoor use Surface waters
<b>Application method(s)</b>	Spraying - Spraying  Ground application (by conventional ground application hand-held equipment)
<b>Application rate(s) and frequencies</b>	2.5 - 4 L/ha - 0 - 2.5 - 4 L/ha (waters containing moderate levels of organic matter) The product can be diluted or not in water prior to application.  Time delay : within 24 to 48H after application
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	The packaging of the biocidal product AQUABAC XT is HDPE containers with a size of 1 L, 10 L or 1000 L.

#### 4.1.1 Use-specific instructions for use

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#### 4.1.2 Use-specific risk mitigation measures

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#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

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### 5. General directions for use

#### 5.1. Instructions for use

- Always read the label or leaflet before use and respect follow all the instructions provided.
- To ensure a satisfactory level of efficacy and avoid the development of resistance in susceptible insect populations, the following recommendations have to be implemented:
  - Adopt integrated pest management methods such as the combination of chemical, physical control methods and other public health measures, taking into account local specificities (climatic conditions, target species, conditions of use, etc).
  - Inform the authorisation holder if the treatment is ineffective.
  - Equipment used for treatments must be appropriate, properly maintained and calibrated.
  - Take into account the life cycle and characteristics of target insects to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.
  - Alternate products containing active substances with a different mode of action.
  - Do not [use/apply] the product in areas where resistance to the active substance (s) contained in this product is suspected or established.
  - Check the efficacy of the product on site: if needed, causes of reduced efficacy must be investigated to ensure that there is no resistance or to identify potential resistance.
  - The diluted formulation should be applied under continuous agitation.
  - The mention "The packaging should be rinsed after using and the rinsing water should be used for the dilution of the product" should be added on the label.
  - Before treatment, determine precisely [the areas to be treated/routes to be followed] (on a map or a plan).
  - To optimise the treatment efficacy, do not apply in case of wind (above 15 km/h).
  - The product is not intended to be used in water with high organic matter.
  - Spraying must not be carried out where there is upward air movement or where a temperature inversion prevents the spray cloud settling within the treated area.

#### 5.2. Risk mitigation measures

- Professionals must wear gloves, working coverall, goggles and respiratory mask (with P3 filter) during mixing/loading and application.
- AQUABAC XT should not be used by professional workers affected by immunodeficiency, primary or secondary, or in treatment with immunosuppressive agents, which can significantly reduce the effectiveness of the immune system response.
- In case of re-entry after treatment, it is recommended to workers to wear a working coverall and gloves.
- Non users are not permitted in area being treated.
- When used in water irrigating rice, a pre harvest interval of 1 month is required.
- Do not apply in standing water in fields growing crops when edible parts of plants are present (except rice).
- Do not exceed 8 applications/year with an interval of at least 5 days between two applications.
- The labeling of the product should provide information to the user about the responsibility to follow any local requirements regarding consultation with relevant authority, before the use of AQUABAC XT in a natural water habitat.
- When applying AQUABAC XT to ecosystems of great value for biodiversity, i.e. Natura 2000 or nature reserve, specific permission is required.
- The user shall keep records of all uses, including treated areas and concentrations used, for at least 10 years and upon request provide the information to authorities or research.

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- Skin contact: Remove contaminated clothing and shoes. Wash contaminated skin with soap and water. Contact poison treatment specialist if symptoms occur.
- Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 10 minutes. Get medical attention if irritation or vision impairment occurs.
- Ingestion: Wash out mouth with water. Contact poison treatment specialist. Seek medical advice immediately if symptoms occur and/or large quantities have been ingested.
- Inhalation (spray mist): Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.
- In case of impaired consciousness place in recovery position and seek medical advice immediately. Do not give fluids or induce vomiting.
- Keep the container or label available.

### 5.4. Instructions for safe disposal of the product and its packaging

- Dispose of unused product, its packaging and all other waste in accordance with local regulations.
- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

- Shelf life: 12 months
- Do not store above 25° C.
- Store away from light.

## 6. Other information

Contains *Bacillus thuringiensis* subsp. *israelensis*, microorganisms may have a potential to provoke sensitizing reactions.