

# Summary of product characteristics for a biocidal product

**Product name:** DIGRAIN SPRAY

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

**Authorisation number:** AT-0018148-0000

**R4BP 3 asset reference number:** AT-0018148-0000

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## Administrative information

### 1.1. Trade names of the product

DIGRAIN SPRAY
C&F SPRAY
VESPER C&F SPRAY
INSECTICIDE RTU FLYING and CRAWLING INSECTS
DIGRAIN MICROBUBBLES
PHOBI MICROBUBBLES

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	LODI S.A.S.
	Address	Parc d'Activités des Quatre Routes 35390 Grand Fougeray France
<b>Authorisation number</b>	AT-0018148-0000	
<b>R4BP 3 asset reference number</b>	AT-0018148-0000	
<b>Date of the authorisation</b>	27/09/2017	
<b>Expiry date of the authorisation</b>	11/01/2028	

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

<b>Name of the manufacturer</b>	LODI SAS
<b>Address of the manufacturer</b>	Parc d'Activités des Quatre Routes 35390 Grand-Fougeray France
<b>Location of manufacturing sites</b>	Parc d'Activités des Quatre Routes 35390 Grand-Fougeray France

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

<b>Active substance</b>	30 - etofenprox
<b>Name of the manufacturer</b>	Mitsui Chemicals Agro, Inc.
<b>Address of the manufacturer</b>	Nihonbashi Dia Building, 1-19-1, Nihonbashi 103-0027 Chuo-ku, Tokyo Japan
<b>Location of manufacturing sites</b>	Omuta Works, 30 Asamuta-cho, Omita 836-8610 Fukuoka Japan

## 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 (%)
etofenprox		Active Substance	80844-07-1	407-980-2	0,204

### 2.2. Type of formulation

EW - Emulsion, oil in water
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	Very toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	Avoid release to the environment. Dispose of container to in accordance with applicable regulations. Collect spillage.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Spraying

<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>	Digrain Spray is intended for indoor use by professionals, specialised professionals and non-professionals, in industrial, commercial and public premises and in private homes via general surface spraying for the protection of health and materials against a variety of crawling and flying insects. Product applications are made at a maximum rate of 1 L / 13 m <sup>2</sup> (equivalent to 0.15g a.s./m <sup>2</sup> ). The product is supplied ready to use.
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Blattellidae: Common name: German cockroach Development stage: Adults</p> <p>Scientific name: Blattidae: Common name: Oriental cockroach Development stage: Adults</p> <p>Scientific name: Blattidae: Common name: American Cockroach Development stage: Adults</p> <p>Scientific name: Cimicidae: Common name: Bed bug Development stage: Adults</p> <p>Scientific name: Formicinae: Common name: Garden ant Development stage: Adults</p> <p>Scientific name: Pulicidae: Common name: Cat flea Development stage: Adults</p> <p>Scientific name: Tenebrionidae: Common name: Confused flour beetle Development stage: Adults</p> <p>Scientific name: Curculionidae: Common name: Lesser rice weevil Development stage: Adults</p> <p>Scientific name: Bostrichidae: Common name: Lesser grain borer Development stage: Adults</p> <p>Scientific name: Silvanidae: Common name: Sawtoothed grain beetle Development stage: Adults</p> <p>Scientific name: Muscidae: Common name: House fly Development stage: Adults</p> <p>Scientific name: Culicidae: Common name: Mosquitoes Development stage: Adults</p> <p>Scientific name: Culicidae: Common name: Aedes mosquitoes Development stage: Adults</p> <p>Scientific name: Culicidae: Common name: Culex mosquitoes Development stage: Adults</p>

Scientific name: Culicidae:  
Common name: Anopheles mosquitoes  
Development stage: Adults

Scientific name: Pyraloidea:  
Common name: Flour moth  
Development stage: Larvae

Scientific name: Acaridae:  
Common name: Cheese mite  
Development stage: Adults

Scientific name: Acaridae:  
Common name: Cheese mite  
Development stage: Nymphs

Scientific name: Pyroglyphidae:  
Common name: House mites  
Development stage: Adults

Scientific name: Agelenidae  
Common name: Domestic house spider  
Development stage: Adults

Scientific name: Ixodidae:  
Common name: Ticks  
Development stage: Adults

Scientific name: Dermanyssidae:  
Common name: Poultry red mite  
Development stage: Adults

Scientific name: Dermanyssidae:  
Common name: Poultry red mite  
Development stage: Nymphs

Scientific name: Dermanyssidae:  
Common name: Poultry red mite  
Development stage: Instars

Scientific name: Tenebrionidae:  
Common name: Lesser mealworm  
Development stage: Adults

Scientific name: Tenebrionidae:  
Common name: Lesser mealworm  
Development stage: Nymphs

Scientific name: Tenebrionidae:  
Common name: Lesser mealworm  
Development stage: Instars

Scientific name: Acaridae:  
Common name: Scabies mites  
Development stage: Adults

Scientific name: Ahasverus advena  
Common name: Foreign grain beetle  
Development stage: Adults

Scientific name: Lasioderma serricorne  
Common name: Tobacco Beetle  
Development stage: Adults

Scientific name: Ephestia kuehniella  
Common name: Mill moth  
Development stage: Adults

**Field(s) of use**

Indoor

**Application method(s)**

Method: Spraying  
Detailed description:  
The product is supplied ready for use in handheld trigger bottles up to 1L in size, made

	of PET or HDPE.
<b>Application rate(s) and frequencies</b>	Application Rate: 1L for 13m <sup>2</sup> . The product is supplied ready for use in handheld trigger bottles up to 1L in size, made of PET or HDPE. Dilution (%): 100 Number and timing of application: Reapplication interval of 1 day, although the residual efficacy of the product lends itself to applications being required to treat pests less frequently.
<b>Category(ies) of users</b>	Industrial Trained professional Professional General public (non-professional)
<b>Pack sizes and packaging material</b>	Bottle - Plastic: HDPE - Up to 1000mL Jerry can - Plastic: HDPE - 5 to 25L Bottle - Plastic: PET - Up to 1000mL

#### 4.1.1 Use-specific instructions for use

Digrain Spray is supplied ready to use as a spray application at a rate of 1 L / 13 m<sup>2</sup>. Spray all areas frequented by insects.

#### 4.1.2 Use-specific risk mitigation measures

Wear gloves during handling and application of product.

#### 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

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 First aid instructions: Description of first aid measures  
 -In case of skin contact: Wash with plenty of water and soap.  
 -In case of eyes contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 -In case of Ingestion: Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.  
 -In case of Inhalation: Remove casualty to fresh air and keep warm and at rest.  
 Most important symptoms and effects, both acute and delayed: None Indication of any immediate medical attention and special treatment needed: None  
 Emergency measures to protect the environment: Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose of it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Comply with the local and national regulations currently in force.

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

Incompatible materials: None in particular.  
Instructions as regards storage premises: Adequately ventilated premises.

### 5. General directions for use

#### 5.1. Instructions for use

Digrain Spray is supplied ready to use as a spray application at a rate of 1 L / 13 m<sup>2</sup>. Spray all areas frequented by insects.

#### 5.2. Risk mitigation measures

Wear gloves during handling and application of product.

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

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
First aid instructions: Description of first aid measures  
-In case of skin contact: Wash with plenty of water and soap.  
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#### 5.4. Instructions for safe disposal of the product and its packaging

Comply with the local and national regulations currently in force.

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

Incompatible materials: None in particular.  
Instructions as regards storage premises: Adequately ventilated premises.



## 6. Other information

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