

# MATERIAL SAFETY DATA SHEET

## VICTOR GEL

### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

#### Identification of the formulation

Product name: VICTOR GEL  
Type of biocide: Insecticide bait.  
Type of formulation: Gel.  
Registration: registered in the Registro de Plaguicidas de la Subdirección General de la Salud Pública del Ministerio de Sanidad y Consumo .....

#### Use of the substance or preparation

It is used for an efficient and total control of: *Blattella Germanica* German cockroach, *Blatta orientalis* Oriental cockroach and *Periplaneta Americana* American cockroach, adults and any nymph stage.

#### Identification of the company

Data of the company/person placing the product on the market: MYLVA S.A.  
C/ Verdi 24  
08012- BARCELONA  
Telephone: 934153226  
Fax: 934156344  
E-Mail: mylva@mylva.es  
Monday to Friday from 9.00-13.30 and 15.30-19.00

Information/office hours

#### Emergency telephone

93 760 14 71

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

|             |                                  |       |
|-------------|----------------------------------|-------|
| Composition | Imidacloprid                     | 2,15% |
|             | Bitter tasting substances        | 10ppm |
|             | Inert substances and water up to | 100%  |

#### Chemical characteristics

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Commercial name:   | Imidacloprid                                                                          |
| Chemical name:     | According to IUPAC: 1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine.  |
| Chemical class:    | Chloronicotinyl                                                                       |
| Empirical formula: | C <sub>9</sub> H <sub>10</sub> ClN <sub>5</sub> O <sub>2</sub>                        |
| Molecular weight:  | 255.7                                                                                 |
| Nº CAS:            | 138261-41-3                                                                           |
| Commercial name:   | Bitrex                                                                                |
| Chemical name:     | N-[2-[(2,6-dimethylphenyl)amino]-2-oxoethyl]-N,N-diethylbenzenemethanaminium benzoate |
| Chemical class:    | Benzoate                                                                              |
| Empirical formula: | C <sub>28</sub> H <sub>34</sub> N <sub>2</sub> O <sub>3</sub>                         |
| Molecular weight:  | 446.58                                                                                |
| Nº CAS:            | 3734-33-6                                                                             |
| Nº EC:             | 223-095-2                                                                             |

#### Dangerous components

| CAS Nº      | CHEMICAL NAME | SYMBOLS        | R-PHRASES |
|-------------|---------------|----------------|-----------|
| 138261-41-3 | IMIDACLOPRID  | X <sub>n</sub> | R22 R52   |

### 3. DANGER IDENTIFICATION

This preparation is dangerous under RD 255/2003 and 1999/45/EC regulations and subsequent amendments.

**Danger identification:** None.

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### Possible health risks

Causes moderate eye irritation. Do not get in eyes.  
Avoid contact with skin or clothing.

### Environmental risks

Potentially toxic to daphnia (5mg/l < CE<sub>50</sub> < 10mg/l)

## 4. FIRST AID MEASURES

### General first aid measures

Remove the person from contaminated area. Remove stained or splashed clothing. Do not administer anything by way of mouth. Let the patient rest. Conserve body temperature.

### First aid after the inhalation

Control breathing, if necessary via artificial respiration.

### First aid after contact with skin

Wash skin with abundant water and soap, without rubbing.

### First aid after contact with eyes

Wash eyes with abundant water for at least 15 minutes.

### First aid in a case of ingestion

In case of ingestion, do not provoke vomiting. Take the patient to hospital, and if possible, always take the label or container with you.

IN NO CASE LEAVE THE PERSON UNATTENDED.

### Therapeutic measures

Basic aid, decontamination, symptomatic treatment. Call the medical emergency for additional information and/or instructions.

In case of poisoning, call to the Instituto Nacional de Toxicología:

Telephone: 915620420

## 5. FIRE- FIGHTING MEASURES

Combustibility No

### Correct means of extinguishing fire

Pulverized water (do not apply jet directly), foam, chemical powder and CO<sub>2</sub>.

### Special risks during the fire extinction

The combustion products may be toxic and /or irritant. Measures must be taken to prevent the contaminating extinction agent from filtering into the ground or spreading uncontrollably.

### Fire protection equipment

Use autonomous respiratory equipment to protect against smoke and also use protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### personal precautions

Secure adequate ventilation.

### Measures to protect the environment

Avoid contamination of drains, surface and subterranean water systems, as well as the ground.

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### Cleaning measures

Recover the product from the affected surface and recover water from the washing for treatment. In the case of spillage into water, avoid spreading using adequate barrier devices. The recovered product must be eliminated according to local legislation. Contact the relevant authorities if the situation cannot be controlled.

## 7. HANDLING AND STORAGE

### HANDLING

Avoid contact with eyes and skin.

### STORAGE

#### Special storage instructions

Keep the recipient well closed. Store in a cool and well-aired place.

Maximum storage temperature 35 °C

Minimum storage temperature 5 °C

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### EXPOSURE LIMITS

**Maximum exposure limits for professionals**  
Not established.

### EXPOSURE CONTROL

#### Professional exposure control

##### Respiratory protection

When respiratory protection is necessary under the conditions of use, wear a respirator approved for pesticides.

##### Protection of hands

Use protective nitrile gloves.

##### Protection of eyes

It is not needed.

##### Protection of skin

Use adequate protection equipment.

#### Environmental exposure controls

The product must be manipulated and stored fulfilling the local legislation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| <b>Appearance:</b>                                               | Gel                            |
| <b>Colour:</b>                                                   | Brown                          |
| <b>Smell:</b>                                                    | Concentrated salty food stuff. |
| <b>Information concerning health, safety and the environment</b> |                                |
| <b>Point of ignition:</b>                                        | N.A.                           |
| <b>Boiling point:</b>                                            | N.A.                           |
| <b>Solubility in water:</b>                                      | Dispersible                    |
| <b>Explosive properties:</b>                                     | N.A.                           |
| <b>Distillation interval:</b>                                    | N.A.                           |
| <b>Vapour pressure:</b>                                          | N.A.                           |
| <b>Density relative to 20 °C :</b>                               | N.D.                           |

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pH: 4 - 8  
Viscosity(20 r.p.m. T-E, 20 °C): >20.000 mPa.s

### 10. STABILITY AND REACTIVITY

#### chemical stability

Stable in standard conditions.

#### Conditions to be avoid

Avoid extreme temperature changes.

#### Materials to be avoided

None known.

#### Hazardous reactions

None known.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

Oral DL<sub>50</sub> >20.000 mg/kg. (rats)  
Dermal DL<sub>50</sub> >200.000 mg/kg. (rats)  
Inhalation No data available.

#### DANGEROUS EFFECTS FOR THE HEALTH

#### Eyes and Skin

Imidacloprid Non irritating to eyes and skin (rabbits).

#### LONG TERM STUDIES

#### Sensitization

Imidacloprid Not a dermal sensitizer (guinea pigs).

#### Carcinogenicity

Imidacloprid The active ingredient is not carcinogenic (rat and mice).

#### Mutagenicity

Imidacloprid The active ingredient is not mutagenic.

#### Reproductive toxicity

Imidacloprid In a two-generation study in rats, Imidacloprid was not a primary reproductive toxicant.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

The active ingredient is harmful for daphnia, but not in the amount present in the product.

#### Mobility

The product is water dispersible.

#### Persistence and degradability

The product is biodegradable.

#### Bio-Accumulation

No data.

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### 13. DISPOSAL CONSIDERATIONS

#### Product elimination

Respect clothing norms and protection measures.

To clean the floor and object contaminated by this product, use carbonated or soapy water. Do not dispose of the waste water in drains or the environment. Cover the product with an absorbent material such as sand, earth or diatomic earth to prevent spreading.

The product MUST NOT be disposed of in municipal sewer systems, drains or rivers.

The treatment and/or elimination must be carried out according to the law. It must be eliminated at an authorised residual waste collecting point. The spilled product cannot be reused and must be disposed of.

#### Elimination of recipients

The empty recipients must be disposed of by an authorised body.

"The end owner of residues from industrial and commercial containers, must keep them in the conditions established in article 12 of the containers and Residues from Containers Law 11/1997."

### 14. INFORMATION CONCERNING TRANSPORT

#### Special consideration for transport

Use unbreakable recipients, making sure that they are well secured and labelled according to the normative.

Miscibility with water      Dispersible.

#### Classification for the transport by rail/road RID/ADR:

Not classified as dangerous.

#### Classification for transport by sea. code-IMDG:

This merchandise is able to be transported by boat, in accordance with the IMDG regulations, it does not present any type of danger in loading, transport and unloading.

#### Classification for transport by air IAC/IATA:

Not classified as dangerous.

### 15. NORMATIVE INFORMATION

#### Classification:

#### Risk phrases

#### Phrases of safety advice

|        |                                                                                                             |
|--------|-------------------------------------------------------------------------------------------------------------|
| S2     | Keep out of the reach of children.                                                                          |
| S13    | Keep away from food, drink and animal feedingstuffs.                                                        |
| S20/21 | When using do not eat, drink or smoke.                                                                      |
| S37    | Wear suitable gloves.                                                                                       |
| S45    | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |

#### General bibliography:

|                        |                                                                                   |
|------------------------|-----------------------------------------------------------------------------------|
| Directiva 1999/45/CE   | "Legislación comunitaria sobre preparados y sustancias peligrosas."               |
| Real Decreto 255/2003  | "Reglamento sobre clasificación, envasado y etiquetado de preparados peligrosos." |
| Real Decreto 1054/2002 | "Evaluación para el registro, autorización y comercialización de Biocidas."       |

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### 16. FURTHER INFORMATION

Text of R-phrases quoted in the section 2 of the sheet

R22 Harmful if swallowed.  
R52 Harmful to aquatic organisms.

#### **Recommended use**

For use in environmental and food hygiene exclusively for specialised staff. Before using this product carefully read the labelling. It must not to be mixed any other chemical product. Method of Use: precise application.  
In the application of the product in food hygiene

#### **Additional information**

The information published here is based on the knowledge and good work of the safety data files of the Manufactures of raw Materials. Therefore, this cannot be interpreted as guarantee for any specific property of the product. As consequence, it is under the users exclusive responsibility to decide if the information provided is appropriate or useful.