



## Protecting more people from dengue.

Much appreciated, easy to use and a sustainable solution for controlling mosquito larvae.

### Active Ingredient:

Diflubenzuron 20 g/kg, effervescent granules (GR)

### Formulation Type:

Barcelo® is a 20 g/kg effervescent granular (GR) formulation of the insect growth regulator diflubenzuron. It has been developed specifically to be applied in mosquito breeding areas for the management of mosquito larvae. It is ideally suited for applications in difficult-to-reach areas and locations.

### Influence of formulation on product performance:

With its patented technology, Barcelo® is a long-lasting, low-dose larvicide with a different mode of action to commonly used larvicides.

These features make Barcelo® ideally suited for Integrated Vector Management (IVM) and protecting communities against dengue fever. Moreover, Barcelo® controls larvae that may have become resistant to the commonly used larvicides.

Its formulation is adjuvant free and its low rate of application ensures less of the product is released into your local environment – and still achieves a longer-lasting effect. Since Barcelo® lasts significantly longer, it offers you the chance to protect more people within the same budget.

Unique effervescent granules distribute Barcelo® evenly in water, resulting in more effective control of mosquito larvae. It is very easy to use because it can be applied directly to mosquito breeding sites with no dilution. It can be typically applied by hand or by granular spreading equipment for larger areas.

Recommended by WHOPES for public health programs and use in drinking water, Barcelo® is one of many innovative solutions from Bayer in the battle against dengue fever and an important factor in Integrated Vector Management.

**Active Ingredient:** Effervescent Granule (GR), containing 20 g/kg diflubenzuron.

**Action mechanism:** Acts on contact and ingestion as an Insect Growth Regulator (IGR).

**Availability:** India, Malaysia, Philippines and Singapore.

**Presentation:** 200gr bottle.

**Chemical group/class:** Insecticide of benzoylurea group.

**Application method:** Application to mosquito breeding areas by scattering.



### Benefits of Barcelo®

Chemistry with different mode of action gives better performance when resistance is a concern.

High targeted mode of action allows a high level of safety when used according to the label.

No granular or oily residues in water after application due to its effervescent formulation.

Highly effective at very low dose - a small amount of product goes a long way.

WHOPES Evaluated - use and claims are validated by an independent expert.

Cost effective: lower dose rate using 5g - 50g per 1,000L water