

## Declaration of Labelling

### 1. Product Identification

Product name: 2GARD

This product is Wettable Powder in **sealed water soluble bag (WP-SB)** packed in 100g/80g tri-laminated pouch, inner water soluble bag.

Manufactured and distributed by:

Tagros Chemicals India Private Limited  
"Jhaver Centre", Rajah Annamalai Building,  
IV Floor, 72, Marshalls Road, Egmore,  
Chennai-600 008, India.

Phone no: +91-44-42007400.

Email: [info@tagros.com](mailto:info@tagros.com)

Website: [www.tagros.com](http://www.tagros.com)

### 2. Ingredient statement

Clothianidin (#210880-92-5): 50%

Deltamethrin (#52918-63-5): 6.25%

Other ingredients: 43.75%

Clothianidin is a Neonicotinoid in IRAC group 4A.

Deltamethrin is a Pyrethroid in IRAC Group 3A

### 3. Safety

Precaution:

Prior to use: For indoor residual spray application in houses, all persons and domestic animals should be kept outside during spraying. Foodstuffs, cooking utensils and furniture should be removed outside prior to application. If it is not possible to remove the furniture then it should be covered with impermeable plastic sheeting.

After use: Wash hands and exposed skin with soap and water immediately after use. Residents and domestic animals should not enter sprayed areas until spray deposits are dry. Instruct the householder to sweep or mop the floor before children or pets are allowed to re-enter.

Personal Protective Equipment: Wear sturdy footwear, long-sleeved shirt and trousers, and gloves. Hat and face-shield must be worn when overhead application is carried out. If clothing becomes contaminated remove and wash affected clothing.

Handling and storage:

Handling: Avoid dust formation. Use only in area with appropriate ventilation.

**Storage:** Store containers tightly closed in a dry, cool, well ventilated place away from direct sunlight and accessible by authorized persons only. Keep away from food, drink and animal feedstuffs.

**Warning:**

Do not eat, drink or smoke whilst mixing or using product.

Do not apply to surfaces on which raw or processed food or feed is stored, prepared or eaten.

Do not spray rooms with sick or bed-ridden occupants.

Dispose of any unused spray solutions by applying on other unsprayed walls (e.g. latrines, corridors) according to these label directions.

**First aid:**

**Eye Contact:** Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Skin Contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

**Inhalation:** Move person from contaminated area to fresh air. Seek medical attention immediately. If person is not breathing, give artificial respiration, preferably by mouth-to-mouth, if possible.

**Ingestion:** Do not induce vomiting without medical advice. Rinse mouth with water and afterwards drink plenty of water or milk. If vomiting does occur, rinse mouth and drink fluids again. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

#### 4. Direction for use

This product is only intended to be used as an Indoor Residual Spray. It has been shown to control Anopheline mosquitoes which are known to transmit malaria.

Apply to indoor walls, eaves, and other surfaces on which mosquitoes or other target vectors may rest.

Do not apply to surfaces used for food preparation or eating.

**Target application rate:**

The target dose of the product is 225 mg of active ingredient (Clothianidin + Deltamethrin) per m<sup>2</sup>. In order to achieve the target dose, it is important to follow the labelled directions or dilution, mixing and spraying instructions.

**Equipment:**

This product should only be applied with hand-held compression sprayers complying with WHO

Specifications, fitted with flat fan nozzles under low to medium pressure. Constant Flow Valves can be used. Ensure that the spraying equipment functions correctly, is well maintained and does not leak.

Spray preparation/Mixing instructions:

Fill the tank half full of clean or filtered water. Tear-off one end of the outer sachet. **DO NOT OPEN THE INNER SACHET** (water-soluble bag). Remove inner sachet and place it directly into the spray tank containing the correct volume of water. Fill the tank with clean or filtered water to the appropriate volume. Seal the tank, pressurize and mix the contents of the tank by inverting several times.

Prepare only the amount of required diluted product for immediate usage. Do not store diluted material.

Dilution table:

Tank Capacity (L) with or without Constant Flow Valve	Sachet	Nozzle type	Required Volume	Surface area (m <sup>2</sup> ) to be covered
7.5 (CFV)	100g	8002E	7.5	250
	80g	8002E	6	200
10 (No CFV)	100g	8002E	10	250
	80g	8002E	8	200

Instructions for Spraying:

Pressurize the tank in accordance with the manufactures instructions. The tank should be pressurized to 55 psi when using 8002E nozzle type. The target pressure should be maintained throughout the application. If pressure drops below 35 psi, re-pressurize the tank and continue spraying.

Apply spray in vertical swathes 75 cm wide, with an overlap of 5 cm. Spray from roof to floor, using a downward motion, to complete one swathe. Step sideways and spray upwards from floor to roof.

To ensure the correct swathe width, keep the spray tip about 45 cm from the wall. Lean forwards as you spray from top of the wall and move back as you bring the nozzle downwards, spraying at a tempo of 2.5 seconds per metre of surface sprayed.

Periodically agitate the sprayer during spraying operations. If spraying is interrupted, shake the sprayer before re-commencing spraying. Ensure even coverage of the spray deposits to the

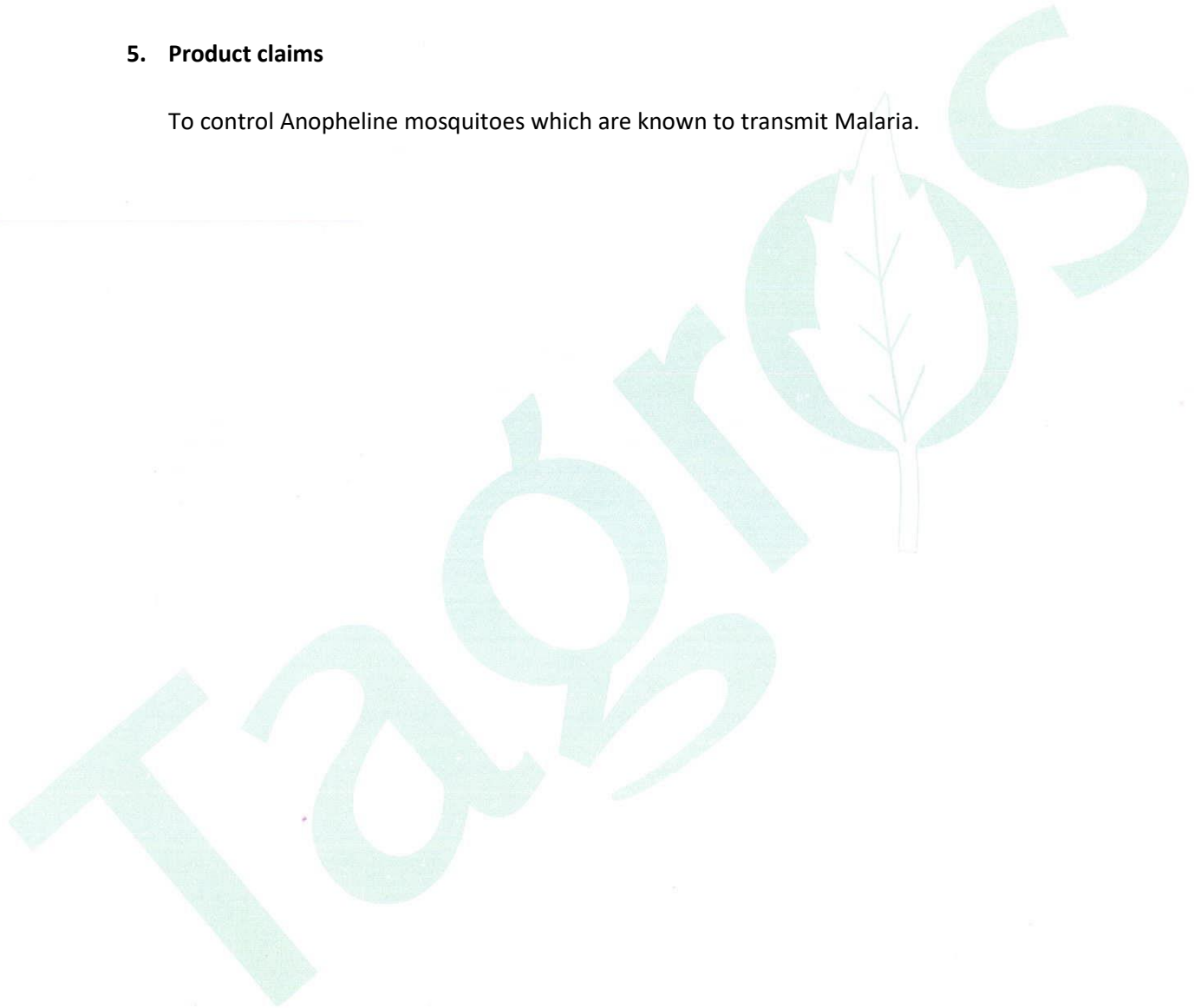
interior walls. Special attention should be paid to wall and roof eaves where gaps exist and mosquitoes may enter. If the roof is of thatch or similar material then the internal surface of the roof should be sprayed, using an extended lance where necessary.

#### Post-Spray application

Do not allow people or pets to enter the treated dwelling until sprays have dried. Floors should be cleaned before allowing children and pets to enter the dwelling.

#### 5. Product claims

To control Anopheline mosquitoes which are known to transmit Malaria.



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