

USING THE EMPTY PACKING AND CONTAINERS FOR DIFFERENT USE AS INTENDED, REPRESENTS A RISK TO HUMANS AND THE ENVIRONMENT.

#### GUARANTEE NOTE

The manufacturer and registrant guarantees the quality of the product in its original and sealed hermetic container. It also guarantees the efficacy of the product, if it is used as indicated in the pamphlet. Since the storage and handling is out of our control it is impossible to assume the responsibility of damage resulting from such factors. We also guarantee the chemical composition of the product as indicated in the label, when the bottle is originally sealed.

#### MANUFACTURER

JIANGSU ROTAM CHEMISTRY CO. LTD., CHINA  
PHONE: 0512 - 5771 - 1988 FAX: 0512 - 5771 - 8697

#### IMPORTER:

#### DISTRIBUTOR:

COUNTRY	NUMBER REGISTRATION	DATE OF REGISTRATION
Jamaica	MHPI/008/14	2014 MAY 07

KEEP OUT OF THE REACH OF CHILDREN  
;STOP! AND READ THIS PAMPHLET BEFORE USING THE  
PRODUCT AND CONSULT A PROFESSIONAL  
IN AGRICULTURAL SCIENCES

# OBULUS® 5 EC

PYRETHROID INSECTICIDE  
LAMBDA CHYALOTHRIN

**CHEMICAL COMPOSITION:** w/v

Active ingredient:

Lambda Cyhalothrin ..... 5%

INERT INGREDIENTS: ..... 95%

Solvent

Total..... 100,0%

Content: 50 grams of active ingredient per liter of commercial product

## CAUTION

ANTÍDOTE: NO KNOWN ANTIDOTE

**THIS PRODUCT MAY BE LETHAL IF SWALLOWED  
AND/OR INHALED, IT MAY CAUSE DAMAGE TO EYES  
AND SKIN BY EXPOSURE**

**DO NOT STORE IN HOMES**

**STORE AWAY FORM CHILDREN, MENTALLY ILL PEOPLE,  
DOMESTIC ANIMALS, FOOD AND MEDICINE**



#### AGRONOMIC USE:

#### MODE OF ACTION:

**OBULUS® 5 EC** is a contact insecticide and also acts by ingestion, and has long residual effect. It acts on the nervous system of the insect blocking nervous stimuli. It acts on the central nervous system blocking the conduction of nervous stimuli modifying the movement of sodium ions, provoking hyperaction, paralysis, convulsion and finally death of the insects.

#### APPLICATION EQUIPMENT:

**OBULUS® 5 EC** can be applied using manual or motorized pump back or tractor, or plane, with nozzles for high volume, low volume or ultra low volume. Ensure application equipment is in good condition. Calibrate using water before starting treatment. For applications we recommend using hollow cone nozzle for good coverage of foliage. Use the following protective equipment to handle the product during the preparation of the mixture, charging and application: boots, face mask, goggles, gloves, cover all or long sleeve shirt and long pants.



## PREPARING THE SPRAY MIXTURE:

It is recommended to prepare a pre mix of the dosage to be used and water, after that fill the spray tank to ½ the volume of the required water, start stirring, add the premix to the tank and while stirring add the rest of the water up to the required volume. Use complete personal protection equipment to prepare the spray mix (boots, face mask, goggles, gloves, cover all or long sleeve shirt and long pants. The equipments need to be washed carefully after preparing and applying the product.



## RECOMMENDED USES: USES AUTHORIZED IN JAMAICA

CROPS	PESTS	DOSAGE	PRE HARVEST INTERVAL:
Maize ( <i>Zea mays</i> )  Sorghum ( <i>Sorghum spp</i> )	Army worm ( <i>Spodoptera frugiperda</i> )  Sorghum Midge ( <i>Contarinia sorghicola</i> )  Corn borer ( <i>Heliothis spp</i> )	175-250 ml/Ha (122-175 ml/mz)	1 day
Potato ( <i>Solanum tuberosum</i> )  Tomato ( <i>Lycopersicon esculentum</i> )	Leaf Miner ( <i>Liriomyza spp</i> )  White butterfly ( <i>Pieris spp</i> )  Aphids ( <i>Myzus spp</i> )  Fruit borer ( <i>Diaphania spp</i> )	175-250 ml/Ha (122-175 ml/mz)	1 day
Onion ( <i>Allium cepa</i> )  Garlic ( <i>Allium sativa</i> )	Trips ( <i>Thrips spp</i> )	175-250 ml/Ha (122-175 ml/mz)	14 days

## SPRAY INTERVAL:

Depending on the insect and population dynamics every 3 to 8 days

## APPLICATION RE ENTRY PERIOD:

It is recommended to re-enter the applied area only when the spray residue has dried completely. If re-entry is required before that complete personal protection should be used.

## PHYTOTOXICITY:

**OBULUS® 5 EC** is not toxic to the crops indicated in the label and used in accordance with the recommendations

## COMPATIBILITY:

Uses in accordance with the recommendations of the manufacturer **OBULUS® 5 EC** is compatible and does not cause phytotoxicity to the crops for which it has been developed. It can be applied in tank mix with other commonly used agricultural products, except with crop oil in case of banana, but before making a mix for the first time it is recommended to make a small scale test.

## PRECAUTIONS AND INSTRUCTIONS OF USE:

### STORAGE AND TRANSPORT:

Do not transport or store this product together with food, medicine, clothing, household utensils or animal feed. Store this product under lock, in a fresh, dry place, away from heat or fire. Keep and store this product only in its original container, with corresponding label and well sealed. Transport and store away from herbicides. **OBULUS® 5 EC** is not flammable or corrosive, but do not place near to sources of high heat

**DO NOT STORE IN HOMES STORE AWAY FROM CHILDREN, MENTALLY ILL PERSONS DOMESTIC ANIMALS, FOOD AND MEDICINE**



**DO NOT EAT, SMOKE OR DRINK DURING THE HANDLING AND APPLICATION OF THIS PRODUCT, TAKE A SHOWER AFTER WORK AND PUT ON CLEAN CLOTHES.**



**IN CASE OF INTOXICATION TAKE THE PATIENT TO A DOCTOR AND GIVE HIM THIS LABEL OR PAMPHLET**

### SYMPTOMS OF INTOXICATION:

Symptoms of acute intoxication include pupil dilatation, ataxia, (dizziness and muscular tremors).

## FIRST AID:

**BY INGESTION:** induce vomiting by administering enough warm water with salt.

**BY CONTACT WITH SKIN:** If there is contact with skin, rinse with plenty water and soap.

Remove all contaminated clothes and wash affected area with water and soap.

**BY INHALATION:** Move the affected person to a place with fresh air, and maintain at rest until completely recovered.

**BY CONTACT WITH EYES:** Rinse affected eye with plenty fresh water for 15 minutes.

**NEVER GIVE DRINK OR INDUCE VOMITING IN PERSONS THAT ARE NOT CONSCIOUS**

## ANTIDOTE AND MEDICAL TREATMENT:

There is no specific antidote, treat the patient symptomatically.

COUNTRY	INSTITUTE	TELEPHONE
JAMAICA	POISON CONTROL CENTER CARPIN	1-888-764-7667 or 188- POISONS

## ENVIRONMENTAL HAZARDS

### TOXIC TO FISH AND CRUSTACEAE



**DO NOT CONTAMINATE RIVERS, LAKES, PONDS OR GROUND WATER WITH THIS PRODUCT OR WITH CONTAINERS AND BOTTLES**

## MANAGEMENT OF BOTTLES, PACKING AND RESIDUES

In case of liquid spillage or residues of pesticides absorb with sand, wood chips or any absorbent material, placing the residues in a hermetic container and take to the distributor or dispose of in authorized landfill. Use the entire content of the bottles and when empty wash and triple rinse with clean water, adding the solution to the spray tank, destroy or puncture the empty containers. If the country has an official program for collection and empty container disposal, take these to the closest collecting center or dispose according with the instructions of the distributor of the product.

**EMPTY CONTAINERS NEED TO BE WASHED THREE TIMES; WATER RESULTING FORM THE TRIPLE RINSE MUST BE ADDED TO THE SPRAYING TANK.**