

Atropine

For adults-2-4 mg i.v repeated every 15 min until pulmonary secretions are controlled.

For children- 0.05-0.1 mg/kg body weight, with maximum dose of 0.1 mg, repeated every 15 min until pulmonary secretions are controlled.

2- PAM (Pralidoxime)

Adults-1-2 g by i.v infusion at rate of not more than 0.2 g per minute.

Children- 20-50 mg/kg body weight i.v

Antidote requirement to be decided by medical practitioner as per the condition of the patient.

The extent of salivation is a useful criterion to follow in adjusting the dosage of atropine.

Manufactured by

Crystal Crop Protection Ltd
206, Second Floor, Span Trade Centre, Opp. Kochrab Gandhi Ashram, Near, Near Paldi Char Raasta, Asharm Road, Ellisbridge Ahmedabad Ahemdabad Gujarat 380006

Premises Address

(1). Lane 3 (C), Phase-II, SIDCO Industrial Complex, Bari-Brahmana, Jammu-181133, (J&K)
Jammu & Kashmir

(2). Plot No. 1, Main Road, Village - Nathupur, Distt. - Sonipat, Harynana 131029
Haryana

(3). Plot No. D-2/CH/14,GIDC, Dahej Dist. Bharuch, Gujrat Gujarat

(4). G-54, Butibori MIDC Industrial Area, Nagpur-441122

Customer Care Details

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206, Second Floor, Span Trade Centre, Opp. Kochrab Gandhi Ashram, Near, Near Paldi Char Raasta, Asharm Road, Ellisbridge Ahmedabad m»² « ° « 380006

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Crystal Crop Protection Ltd
Unit-2, Plot no.1, main road, village- Nathupur, Distt. . Sonapat,
Haryana- 131029

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SOP-131029

Safety Pictograms:



Crystal Crop Protection Ltd
206, Second Floor, Span Trade Centre, Opp. Kochrab Gandhi
Ashram, Near, Near Paldi Char Raasta, Asharm Road, Ellisbridge
Ahmedabad Ahemdabad Gujarat 380006

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Big Label

(> 250 mL Primary and Secondary Package Label)

Read leaflet before use:

Common Name:

Buprofezin 9% Acephate 24% w/w WP

BRAND NAME: -

Crops and Pest Groups: Rice - brown plant hopper

Dosage, Direction for use and Manner and time of application : Please refer leaflet for details

Purpose:

agricultural use

Re-entry:

48

Chemical Composition :

		Content % w/w
Wetting Agent (Blend of Alkyl naphthalene sulfonate, sodium salt)	adjuvants	4.00 % w/w
Dispersing Agent (sodium salt of naphthalene sulfonate condensate)	adjuvants	5.00 % w/w
Silica PPT (SiO ₂)	adjuvants	5.00 % w/w
Silica PPT		
Carriers (China clay)	adjuvants	Q.S. to make % w/w
Carriers (China clay)		
Buprofezin	a.i.	9.00 % w/w
Acephate	a.i.	24.00 % w/w
Dispersants (Modified Poly Acrylic Copolymer)	adjuvants	3.00 % w/w

Buprofezin 9% Acephate 24% w/w WP

Systemic Insecticide

Systemic Insecticide

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Keep out of reach of children.

Keep in cool, dry place away from heat and open flame.

Regn. No. _____

Mfg. Lic. No. _____

Batch No. _____

Mfg Date _____

Exp. Date _____

Net Content / Volume _____

Max. Retail Price _____

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Systemic Insecticide

48

Wetting Agent (Blend of Alkyl naphthalene sulfonate, sodium salt)

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Safety Pictograms:



Buprofezin 9% Acephate 24% w/w WP

(Systemic Insecticide)

This insecticidal combination is used for insect control in rice against brown plant hopper, which contains Buprofezin 9% & Acephate 24% and remaining adjuvants.

Chemical Composition:	Ingredient	%W/W
Acephate	a.i.	24.00 % w/w
Buprofezin	a.i.	9.00 % w/w
Carriers (China clay) Carriers (China clay)	adjuvants	Q.S. to make % w/w
Dispersants (Modified Poly Acrylic Copolymer)	adjuvants	3.00 % w/w
Dispersing Agent (sodium salt of naphthalene sulfonate condensate)	adjuvants	5.00 % w/w
Silica PPT (SiO ₂) Silica PPT (SiO ₂)	adjuvants	5.00 % w/w
Wetting Agent (Blend of Alkyl naphthalene sulfonate, sodium salt)	adjuvants	4.00 % w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water litre/ha	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI gm a.i/ha	Formulation ml/ha					
Rice	Brown Plant hopper	54+144	600	500	Vegetative stage	48	20	2-3

Note:-

Good Practices relating to pesticide application techniques

Direction of Use

Measure out required quantity of the product and mix it well with a small quantity of water. Add the remaining quantity of water as specified with thorough agitation for total coverage of crop with suitable sprayer with High volume Knapsack sprayer with hollow cone nozzle, power operated sprayer machine may be used.

Weather Condition(in general):

- "1. Spray when temperatures are low, avoid spraying in temperatures above 30°C
2. Spray when relative humidity is high, do not spray when relative humidity is less than 40 per cent

Soil & Water (where ever applicable): Do not spray if wind speed is more than 5km/h and up to 15km/h. Do not spray if wind is calm or less than 5km/h or at any wind speed where constancy in direction is not assured. If wind speed or direction changes during an application, immediately adjust the buffer size or location, or stop the application."

Crop Stage for application:

Vegetative stage

Application Technique

Foliar application

Equipment Type:

Knapsack sprayer
Power operated sprayer

Nozzle Type:

Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet "

Hollow cone nozzle

Dosage:

600 gm/ha (54+144 gm a.i/ha)

Instruction for Mixing:

-

Re-entry Period

48

Manner and Time of Application

Apply when first incidence observed and repeat as necessary

Application Timing

Morning or Evening

Frequency

2-3

Stages during which pesticides should not be applied on any crop :

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Precautions to be taken to avoid harm to the beneficial insects like honey bees and natural enemies of pests :

do not spray during active bee-foraging period of the day.

Symptoms Of Poisoning

Headache, giddiness, agitation, confusion, delirium, coma, seizures, vomiting, diarrhea, urination, miosis, blurred vision, excessive lacrimation & salivation, bradycardia, diaphoresis, Tachycardia, hypertension, mydriasis, muscle fasciculations, Bronchorrhea, bronchospasm, respiratory failure. Hypotension, ventricular dysrhythmias, metabolic acidosis, pancreatitis, and hyperglycemia can also develop. Irritation to skin and eyes may occur.

First Aid

if ingestion: if person is conscious and alert, rinse mouth with water and give 1 to 2 glass of water to drink. never give anything by mouth to an unconscious person. call the doctor. do not induce vomiting until and unless desired by attending physician. if inhaled: take the patient to fresh air and take care of body temperature. if patient is not breathing or breathing with difficulty, give artificial respiration, preferably with mouth-to-mouth breathing. consult a physician. in case of skin contact: wash with soap and plenty of water. if pain, redness or irritation persists, consult a doctor. all the contaminated clothes should be segregated and thoroughly washed with soap and water separately before use. in case of eye contact: rinse gently with plenty of water at least 15 minutes. if pain, irritation, redness and photophobia persist then consult eye specialist.

Antidote

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Phytotoxicity

no

Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet "

Storage Conditions

1. Store in a cool and dry place.
2. Store the insecticide in its original pack away from the reach of children, irresponsible persons and animals in a separate room under lock and key.
3. Room used for storage must be well built and ventilated and of sufficient dimensions to avoid contamination with vapour.
4. Animal feed should not be stored in room where the chemical is stored.
5. Do not use fire/ open flame in place of storage."

Safety Precaution:

- "1. Store the insecticide away from the reach of children, irresponsible persons and animals.
2. Read and follow all instructions given on the label and leaflet very and carefully before use and show these to physician in case of accidental poisoning.
3. Use goggles, gloves and protective clothing while handling the insecticide. Insecticide should not come in contact with skin and eyes.
4. Wear a face mask to avoid inhalation of the poison.
5. Always change clothing as soon as insecticide handling is complete.
6. Take bath as early as possible after handling the insecticide.
7. Do not eat, drink, smoke or chew betel leaves while handling insecticide.
8. In case insecticide comes in contact with skin, wash it with plenty of fresh water immediately.
9. Call a physician immediately if any of the symptoms of poisoning appear in a person who is handling or has recently handled insecticide."

Cautionary Statement:

- 1. not to be used on crops and pests other than those mentioned on label and leaflets.**
- 2. destroy containers after use as directed on leaflets.**
- 3. the product shall not be used in areas where pisciculture/inter-cropping pisciculture is practiced along with rice cultivation.**
- 4. do not spray during active bee-foraging period of the day.**
- 5. Toxic to some birds.**

Disposal of used containers, washing from equipment and surplus material :

⚠ DANGEROUS TO REUSE EMPTY CONTAINERS.+

1. It shall be the duty of manufacturers, formulators of insecticides and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation."

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Safety Pictograms:



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