

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

www.crystalcropprotection.com
customercare(Ecrystalcrop. com

Safety Pictograms:



—p' . , , «' . 1»' | 1-1' -» ' »Ž μ ¼'' —' q@œ'' —'
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qř® «—

Crystal Crop Protection Pvt. Ltd
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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- (2).
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- (4). ??-54, ????????? ????????? ????????? ????????, ??????-441122

»—' «' ± μ' . . . ''

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Safety Pictograms:



Big Label

(> 250 mL Primary and Secondary Package Label)

Read leaflet before use:

Common Name:

Penoxsulam 21.7% SC

BRAND NAME: -

Crops and Pest Groups: Please see the leaflet for details.

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

Purpose:

for agricultural use

Re-entry:

24 hours after spraying

Chemical Composition :

		Content % w/w
Water	adjuvants	Q.S. to make % w/w
Penoxsulam	(a.i.)	21.7 %W W/
Methyl naphthalenesulfonic acid-formaldehyde condensate, sodium salt	adjuvants	3.0 % w/w
Xanthan gum	adjuvants	0.3 % w/w
Polydimethylsiloxane solution	adjuvants	1.00 % w/w
Citric acid	adjuvants	0.1 % w/w
1,2 benzisothiazolin-3-one solution	adjuvants	0.1 % w/w
Blend of microcrystalline cellulose and cellulose gum	adjuvants	0.8 % w/w
Ethylene oxide/propylene oxide copolymer	adjuvants	3.0 % w/w
Propylene glycol	adjuvants	4.5 % w/w

Penoxsulam 21.7% SC

®- a° μ² °%\$!*~ 'w° !°

Selective

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° çœ³ — °œ³ ° '«

Keep out of reach of children.

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

Regn. No. ° j !° -!

Mfg. Lic. No. 2 - 3 !° μ !° -!

Batch No. ° œ³ -!

Mfg Date 2 - 3 !° ©!

Exp. Date ç ñ² ' » - ' - © ' °

Net Content / Volume ° ± ñ³ ©-

Max. Retail Price m ñ - œ² ' ° « ' ° 2 ý³

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0.8 % w/w

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Total:100.00%

Safety Precautions:

protective clothing should be worn while mixing and spraying. wash contaminated clothes and body part after application. avoid inhalation do not smoke, drink, eat and chew anything during application.

Symptom of Poisoning:

may cause slight temporary eye irritation, corneal injury is unlikely. prolonged contact is essentially non-irritant to skin and is unlikely to result in absorption of harmful amounts. no adverse effect is anticipated from single exposure to mist. harmful effects not anticipated from swallowing small amounts. very low toxicity, if swallowed.

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

No specific antidote, symptomatic and supportive therapy

Cautionary statements:

- 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.

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3.0 % w/w

3.0 % w/w

3.0 % w/w

4.5 % w/w

4.5 % w/w

3 TSS

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® oμ -' ä μ o -' μ	W j . °	4.5 % w/w
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Note:-

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

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

qñ® «- '® '° ' -

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

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»- « ™ ± μ ' . . ™ -

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customercare@crystalcrop.com

° ' ¼ ' œ ' μ ®-



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Penoxsulam 21.7% SC

(Selective)

Penoxsulam 21.7% SC is a post emergence broad spectrum herbicide belongs to the chemical group of triazolopyrimidine compound. Penoxsulam 21.7% SC has excellent foliar application efficacy against grasses, sedges and broad-leaved weeds of transplanted rice crop.

Chemical Composition:	Ingredient	%W/W
1,2 benzisothiazolin-3-one solution	adjuvants	0.1 % w/w
Blend of microcrystalline cellulose and cellulose gum	adjuvants	0.8 % w/w
Citric acid	adjuvants	0.1 % w/w
Ethylene oxide/propylene oxide copolymer	adjuvants	3.0 % w/w
Methyl naphthalenesulfonic acid-formaldehyde condensate, sodium salt	adjuvants	3.0 % w/w
Penoxsulam	(a.i.)	21.7 %W W/
Polydimethylsiloxane solution	adjuvants	1.00 % w/w
Propylene glycol	adjuvants	4.5 % w/w
Water	adjuvants	Q.S. to make % w/w
Xanthan gum	adjuvants	0.3 % 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					
Transplanted rice	Echinochloa colonum, Echinochloa crusgalli, Cyperus difformis, Cyperus iria, Fimbristylis miliacea, Ludwigia spp, Monochoria spp, Sphenoclea zeylanica, Ammania bacifera	20.0 to 22.5 ;22.5-25	83.3 to 93.7;93.7-104.2	500	10-12 or 0-5 days after transplanting	24	60	One

Note:- .

Good Practices relating to pesticide application techniques

Direction of Use

Shake the bottle before 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 knapsack sprayer

Weather Condition(in general):

-Do not spray during rainy, windy and hot sunny period

Soil & Water(where ever applicable):

This Herbicide is for foliar application and has no adverse effect when used at recommended dose . Avoid using near aquaculture

Crop Stage for application:

10-12 or 0-5 days after transplanting

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

Application Technique

Herbicide application using high volum sprayers and ASPEE-HTP power sprayer fitted with flat fan or flood jet nozzle.

Equipment Type:

: knapsack sprayer with flat fan/ flood jet nozzle.

NozzleType:

Flat fan or flood jet nozzle

Dosage:

? 83.3 to 93.7 ml/ha (20.0 to 22.5 gm a.i/ha) as post emergent (10-12 days)

? 93.7 to 104.2ml/ha (22.5 to 25 gm a.i/ha) as pre- emergent (0-5 DAT)

Instruction for Mixing:

Shake the bottle before 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 knapsack sprayer

Re-entry Period

24

Manner and Time of Application

Apply Penoxsulam 21.7% SC (one application) as post emergence @ 20-22.5 g ai/ha (83.3 to 93.7 ml/ha) at 10-12 days after transplanting or as pre emergence @ 22.5-25 g ai/ha (93.7 to 104.2 ml/ha) at 0-5 days after transplanting (one application).

Application Timing

Preferably in the morning and evening hours.

Frequency

One

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

Follow the above instructions as mentioned in time of application only

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

.

Symptoms Of Poisoning

May cause slight temporary eye irritation, Corneal injury is unlikely. Prolonged contact is essentially non -irritant to skin and is unlikely to result in absorption of harmful amounts. No adverse effect is anticipated from single exposure to mist. Harmful effects not anticipated from swallowing small amounts. Very low toxicity, if swallowed.

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

No specific antidote, symptomatic and supportive therapy

Phytotoxicity

No phytotoxic effect when used at recommended dose.

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Storage Conditions

1. The packages containing herbicide should be stored in original containers in separate rooms and premises, away from the rooms or premises used for storing other articles particularly food or shall be kept in separate almirahs under the lock & key.
2. The rooms or premises meant for storing the herbicide shall be well built, well-lit cool and dry ventilated and of sufficient dimension to avoid contamination with vapour.

Safety Precaution:

1. Avoid inhalation, Skin & skin contact.
2. Do not use bare hands and always use rubber gloves & face masks while handling the herbicide.
3. Do not eat-drink, chew or smoke while handling the herbicide.
4. Wash contaminated skin & clothes with soap and plenty of water.
5. Keep away from animal feed and foodstuff.
6. Spray in the direction of wind and wear full protective clothing while mixing the herbicide.

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.**

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 herbicides 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.

Manufacturer Premises :

G-54, Butibori MIDC Industrial Area, Nagpur-441122
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Safety Pictograms:



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