

Metsulfuron methyl Active ingredient 5.00 w/w a.i.

Net Content / Volume
Max. Retail Price

SITS w/w
WUS w/w
TIZS w/w
XISS w/w

Total: 100.00%

3 TM - TSSISS

Safety Precautions, Symptom of Poisoning and First Aid :Please refer leaflet for details.

Antidote Statement:

No specific antidote, symptomatic and supportive therapy

Cautionary statement:

1. not to be used for any purpose other than those subscribed on label and leaflets;
2. destroy the container after use as directed on leaflet.
3. dicot crops like mustard, gram etc. should not be grown as intercrop in wheat.
4. this herbicide is recommended for use only in wheat- rice/cotton rotation areas.
5. toxic to fish, aquatic organisms hence should not be used near water bodies, aquaculture or pisciculture.

Manufactured by

UPL Limited
Uniphos House, Madhu Park, 11th Road, Khar (W), Mumbai 400 052 MUMBAI Mumbai Maharashtra 400052

Premises Address

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Ethylene oxide . Á Propylene oxide	Suspending aid	1.70 w/w
Metsulfuron methyl a.i.	Active ingredient	5.00 w/w

Total:100.00%

Safety Precautions:

please refer leaflet for details.

Symptom of Poisoning:

please refer leaflet for details.

First Aid:

please refer leaflet for details.

Antidote

No specific antidote, symptomatic and supportive therapy

Cautionary statements:

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Premises Address

- (1). 3 - 11, G.I.D.C., Vapi, Gujarat-396 195
Gujarat
- (2). Plot No. 3101/02, G.I.D.C, Ankleshwar, Gujarat-393 002
Gujarat
- (3). Plot No. 3405/06, G.I.D.C, Ankleshwar, Gujarat-393 002
Gujarat
- (4). Industrial Growth Centre, Samba, Jammu, (J & K) 184121
Jammu & Kashmir

Customer Care Details

Website: www.upl-ltd.com/in

Safety Pictograms:



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- (1). 3-11, G.I.D.C., Vapi, Gujarat-396195
- (2). Plot No. 3101/02, G.I.D.C, Ankleshwar, Gujarat-393002
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Caution: Í Not to Be Used on Crops Other Than Specified on This Label/Leaflet! "

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40 g. formulation /ha. (. 30+2ga.i./ha.) in 250-500lit. of water

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

Sulfosulfuron 75% Metsulfuron methyl 5% WG

(Selective Herbicide)

Sulfosulfuron 75% + Metsulfuron methyl 5% WG is a selective post-emergence herbicide used for the effective control of Phalaris minor and broad leaf weeds in wheat crop.

Chemical Composition:	Ingredient	%W/W
3 EO alkyl (C12-C15) ether sulfate	Wetting agent	4.20 w/w
Alpha . Alkyl (C10-C16)-omega-hydroxypoly (oxyethylene) mixture	Antifoam agent	0.10 w/w
Ethylene oxide . Propylene oxide	Suspending aid	1.70 w/w
Lignosulfonate	Dispersant	0.10 w/w
Metsulfuron methyl a.i.	Active ingredient	5.00 w/w
Potassium poly carboxylate	Dispersant	4.00 w/w
Precipitated silica	Filler	q.s. w/w
Silicone defoamer	Defoamer	0.10 w/w
Sodium dialkyl naphthalene Sulfonate	Wetting agent	0.10 w/w
Sodium Naphthalene Sulfonate	Dispersant	2.50 w/w
Sulfosulfuron a.i.	Active ingredient	75.00 w/w
Tallow soap	Defoamer	0.20 w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water Litre	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI g. a.i./ha.	Formulation gram/ha.					
Wheat	Phalaris minor, Rumex sp., Chenopodium sp., Melilotus alba, Anagallis arvensis, Medicago denticulate, Coronopus didymus	30 + 2	40	250-500	30-35 days after sowing of wheat crop when the weeds are in the 2-4 leaf stages.	24 hrs	110 days	One time application

Note:- .

Good Practices relating to pesticide application techniques

Direction of Use

1. Dissolve the entire content of Sulfosulfuron 75% + Metsulfuron methyl 5% WG bottle (16g) in six litres of water and mix thoroughly.
2. Then add the entire content of surfactants (500 ml) to the above solution and mix thoroughly with a sick.
3. Dilute the solution with 100 litres of water to uniformly spray one acre.

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:

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

30-35 days after sowing of wheat crop when the weeds are in the 2-4 leaf stages.

Application Technique

Herbicide application using high volume 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:

40 g. formulation /ha. (. 30+2ga.i./ha.) in 250-500lit. of water

Instruction for Mixing:

1. Dissolve the entire content of Sulfosulfuron 75% + Metsulfuron methyl 5% WG bottle (16g) in six litres of water and mix thoroughly.
2. Then add the entire content of (500 ml) to the above solution and mix thoroughly with a stick.
3. Dilute the solution with 100 litres of water to uniformly spray one acre.

Re-entry Period

24 hrs

Pre-Harvesting Interval

110 days

Manner and Time of Application

1. Dissolve the entire content of Sulfosulfuron 75% + Metsulfuron methyl 5% WG bottle (16g) in six litres of water and mix thoroughly.
2. Then add the entire content of surfactants (500 ml) to the above solution and mix thoroughly with a stick.
3. Dilute the solution with 100 litres of water to uniformly spray one acre at 30-35 days after sowing of Wheat.

Application Timing

Preferably in the morning and evening hours.

Frequency

One time application

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

Pre-emergence of weeds

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

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Symptoms Of Poisoning

The product may cause excessive salivation, diarrhoea, lacrimation, laboured breathing etc.

First Aid

If ingested: if person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induced 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,Consult a physician.

In case of skin contact: Wash thoroughly the affected part of body with soap and plenty of water including hairs and under fingernails. If pain, redness or irritation persists, consult a doctor. All 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 for15 minutes. If pain, irritation, redness or photophobia persists. Consult eye specialist

Antidote

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

No specific antidote, symptomatic and supportive therapy

Phytotoxicity

The product is not phytotoxic when used as per recommendations.

Storage Conditions

1. The packages containing the herbicide shall be stored in separate rooms or premises, away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the herbicide.
2. The rooms or premises meant for storing the herbicide shall be well-built, dry, well-lit and ventilated and of sufficient dimension.

Safety Precaution:

1. Sulfosulfuron 75% + Metsulfuron Methyl 5% WG should only be used as a liquid spray. Do not broadcast Sulfosulfuron 75% + Metsulfuron Methyl 5% WG.
2. Do not use a mist blower (power spray).
3. The spray man should use appropriate protective clothing like hat, long sleeved shirt, long pants and shoes.
4. Avoid contact with eyes and skin when handling the concentrates or spray solution. Avoid inhalation of spray mist. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke during application. Remove contaminated clothes and wash before reuse. Do not reuse the empty containers.
5. Wash hands & exposed skin with soap and water before meals and after work.
6. Dicot crops like mustard, gram, pulses etc. should not be grown as intercrop in wheat.
7. After spraying this herbicide, the sprayer and utensils should be thoroughly cleaned with plenty of soap and water.
8. Crop rotation recommendation this herbicide is recommended or use only in wheat . Rice / cotton rotational areas.

Cautionary Statement:

- 1. not to be used for any purpose other than those subscribed on label and leaflets:**
- 2. destroy the container after use as directed on leaflet.**
- 3. dicot crops like mustard, gram etc. should not be grown as intercrop in wheat.**
- 4. this herbicide is recommended for use only in wheat- rice/cotton rotation areas.**
- 5. toxic to fish, aquatic organisms hence should not be used near water bodies, aquaculture or pisciculture.**

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

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.

Manufacturer Premises :

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Safety Pictograms:



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