

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE

PRECAUTIONS

- 1) Handle with care. Avoid contact. Poisonous by inhalation, swallowing or contact with skin or eyes..
- 2) **WEAR FULL PROTECTIVE CLOTHING I.E. RUBBER GLOVES, RUBBER BOOTS, OVERALLS, GOGGLES ETC WHEN MIXING AND APPLYING THIS INSECTICIDE.**
- 3) **KEEP OUT OF THE REACH OF CHILDREN, UNINFORMED PERSONS AND ANIMALS.**
- 4) **KEEP APART FROM FOOD AND FOOD STUFFS.**
- 5) **KEEP UNDER LOCK AND KEY, Store in original container.**
- 6) Remove personal protective clothing after spraying and wash entire body with soap and clean running water.
- 7) **DO NOT** eat, drink or smoke while preparing and applying this herbicide.
- 8) **DO NOT** contaminate drinking wells, dams, rivers, and other water ways. This product is toxic to livestock and wildlife.
- 9) **DO NOT** apply this product to flowers, crops or weeds if bees are visiting the treatment area.
- 10) Prevent drift onto other crops not targeted for this treatment.
- 11) Keep away from sources of ignition.

SYMPTOMS OF HUMAN POISONING

Loss of appetite, vomiting, muscle weakness, slowed heart rate, shortness of breath, irritation of nasal passages and lungs, benzoic acid in urine, repeated muscle spasms, blurring of skin and gums.

FIRST AID TREATMENT

If in contact with skin: Remove all contaminated clothing immediately and wash skin exposed to herbicide with plenty of water and soap.

If in contact with eyes: Wash immediately with running water continuously for at least 15 minutes. Hold eye lids apart to rinse the entire surface of the eye and lids. Get medical attention immediately if irritation persists.

If ingested: **DO NOT** induce vomiting. Rinse mouth thoroughly with water. Keep patient at rest, Get medical attention and show this label.

If inhaled: Remove person from exposure to fresh air and apply artificial respiration if symptoms indicate.

NOTE(S) TO PHYSICIAN

Treat symptomatically.

CLEANING OF APPLICATION EQUIPMENT

After use ensure all traces of **Atrazine 500SC** are removed by using the following method;

- a) Drain and rinse tank, sprayboom and hoses with clean water for at least 10 minutes (rinse at least 3 times).
- b) Fill tank with clean water and add to it 1 litre sodium hydrochloride (5%) per 200 litres of water. Rinse hoses and sprayboom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlet.
- c) Repeat step (b) and after that rinse thoroughly with water. Dispose of the water safely in a collection sump where it will not contaminate crops, grains, rivers dams and boreholes.

EMPTY CONTAINER DISPOSAL

Invert the empty container over the knapsack sprayer or watering can and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container 3 times with a volume of water equal to a minimum of 25% of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. Dispose in a designated area or away from water sources. **DO NOT** use for any other purposes. If possible, offer for recycling.

WARRANTY

All recommendations for use of the product are based on the current state of the manufacturer's knowledge. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer cannot control the application, use, storage or processing of the product and thus cannot accept responsibility. The occurrence of resistance cannot be foreseen therefore the manufacturer accepts no responsibility for any loss or damage to crops resulting from failure of **Atrazine 500SC** to control a resistant strain of the target pest.

SHELF LIFE: 2 years from date of manufacture if kept in original unopened container under constant cool and dry conditions.

ATRAZINE 500SC

Herbicide

Reg No.

Net contents
1L

CAUTION

Harmful if Swallowed

Composition

Atrazine.....500g/l
Inert Ingredients.....500g/l
Chemical Group: Triazine

Mass/Volume

A systematic herbicide for the selective control of broadleaf weeds and certain grasses in maize and sugar cane

Registered & Distributed by:

Optimum Agro (Pvt) Ltd
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Southerton, Harare
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Date Man:

DIRECTIONS FOR USE - USE ONLY AS DIRECTED

Mixing Instructions: Shake well before use. Fill half the spray tank with clean water, add the required amount of **Atrazine 500 SC**. Top up with water. Keep the chemical in continuous suspension by means of agitation. After each day's spraying, thoroughly flush tank with water.

Atrazine 500SC should be applied post planting and either pre-or post emergence of the crop.

Atrazine 500SC should preferably be applied before the weeds emerge but may be applied early post-emergence provided weeds do not exceed 30-35mm in height (2-3 leaf stage). Addition of a wetting agent may improve control of the emerged weeds. The spectrum of weeds controlled can be improved by combining **Atrazine 500SC** with other registered herbicides subject to observing label directions for the later. Full strength application rates of **Atrazine 500SC** under favorable conditions should give long control of weeds normally susceptible to Atrazine.

APPLICATION GROUND EQUIPMENT:

Atrazine 500SC may be applied by the conventional boom and nozzle sprayer with efficient agitation. Spray volume should be 200-400 litres/ha. Use proportionately lower quantities for band application.

AERIAL: **Atrazine 500SC** may be applied from the air provided weather conditions are such that a uniform coverage is achieved and total recovery rates are the same as the recommended dosage rates. Consult the Aerial Operator in this regard before spraying.

APPLICATION RATES

SOIL	% CLAY CONTENT SOIL	Maize & Sugar Cane	Sorgham
Sandy	0-30	3,5 ltr/ha	Do not use
Loamy	30-40	4,5 ltr/ha	3,6 ltr/ha
Clay	40+	5,6 ltr/ha	4,5 ltr/ha

Re-entry Interval: Do not enter treated area until spray deposits has dried (at least 24 hours) unless wearing protective clothing.

Weeds: some annual broad-leaf weeds and grasses controlled include;

Botanical Name

Rottboellia conchinchinesis
Setaria pallide-fusca
Amaranthus hybridus
Bidens pilosa
Amaranthus spinosus
Physalis angulata
Tagetes minuta
Vigna vexillata

Common Name

Shamva grass
Garden bristlegass
Cape pigweed
Black jack
Thorny pigweed
Wild gooseberry
Tall khaki weed
Wild-cowpea

SOIL AND RAINFALL: **Atrazine 500SC** should be applied after planting maize and will give best results on a moist, weed-free soil, with a smooth firm surface which is free from large clods. Where necessary, a light cultivation before spraying is recommended to ensure a weed -free soil with no crust. At least 20mm of rain should fall within a few days after spraying to ensure best results. If dry weather follows, lightly cultivate as soon as possible, preferably with a millipede so that the herbicide is mixed into the top 25mm of soil. Avoid any deep cultivation whilst the herbicide remains effective. **DO NOT** apply to dry-planted maize at planting time but wait until good soaking rain has fallen. **DO NOT** use in areas where the average rainfall is less than 400ml per year.

WARNING

1. Certain in-bred lines may be susceptible to **Atrazine 500SC**.
2. **DO NOT** plant any crop other than maize on lands sprayed with **Atrazine 50SC** during the previous 12 months as severe damage may occur.
3. Should a crop other than maize or sorghum be planted after a period of 12 months on land previously treated **Atrazine 500SC**, a thorough ploughing and deep cultivation should precede planting.
4. **DO NOT** plant legumes on sandy or gravelly soils which were treated previous 18 months with **Atrazine 500SC**.
5. Ensure that sufficient fertilizer is applied at planting to promote vigorous growth.

COMPATIBILITY: Compatible with most crop chemicals. As compatibility can be adversely affected by the quality of the water used in the mixture, the manufacturer recommends that a trial mixture be done using the water intended for spraying.