## 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...
- WEAR FULL PROTECTIVE CLOTHING i.e. rubber gloves, rubber boots, overalls, goggles etc when mixing and applying this herbicide.
- 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 whilst mixing and applying this product.
- 8) Toxic to birds and bees, fish and wildlife.
- 9) DO NOT contaminate drinking wells, dams, rivers, and other water ways. This product is toxic to livestock and wildlife.
- 10) Prevent drift onto other crops and areas not targeted for this treatment.
- 11) Keep away from sources of ignition.

### SYMPTOMS OF HUMAN POISONING

Prolonged contact may cause dermal irritation. Eye contact may cause temporary eye irritation and risk serious eye damage. Nausea, vomiting and abdominal distress are observed after ingestion.

### FIRST AID TREATMENT

If inhaled: Remove person to fresh air and keep them warm and at rest. If breathing is difficult, a qualified person should administer oxygen. Get medical attention immediately if effects persist.

Skin Contact: Move victim to fresh air and remove all contaminated clothing. Gently wipe off excess chemical. Wash affected skin areas gently and thoroughly with cold water and non -abrasive soap. Do not rub skin.

Eye Contact: Immediately flush the eyes with clean, gently flowing clean water for 20 minutes, holding the eye(s) lids open. If irritation persists, get medical attention.

If Ingested: Have person rinse mouth thoroughly with water. DO NOT induce vomiting. Seek medical advice immediately showing container and label.

### NOTE(S) TO PHYSICIAN

Treat symptomatically.

### CLEANING OF APPLICATION EQUIPMENT

After use ensure all traces of **Metribuzin 700SC** 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**

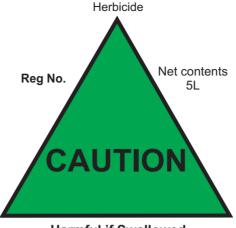
Invert the empty container over the knapsack sprayer or watering can and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container 3 times with a volume of water equal to a minimum of 25% of the container. Add the rinsate to the contents of the spray 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 **Metribuzin 700SC** 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.

## METRIBUZIN 700SC



### Harmful if Swallowed

Composition	Mass/Mas
Metribuzin	700g/kg
Inert ingredients	300g/kg
Chemical Group:	Triazine

A post-emergence herbicide for the control of most perennial and annual weeds in crops listed.

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Expiry Date

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### DIRECTIONS FOR USE - USE ONLY AS DIRECTED

### MIXING INSTRUCTIONS:

Half fill the spray tank with clean water. Add a slurry of the **Metribuzin 700SC** while stirring. Maintain agitation to ensure thorough mixing It is important to prepare spray mixtures that will be applied soon after mixing only.

Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

### APPLICATION DIRECTIONS

Metribuzin 700SC should be applied by means of a tractor mounted boom sprayer or knapsack spray with teejet type flat fan
nozzle which should deliver 200-300 litres spray mixture per hectare at a pressure of 1-2 bars (100-200Pa). Efficient agitation of the spray
mixture is essential.

- 2. Ensure that application equipment is correctly calibrated and that only clean water is used.
- 3. A uniform and even distribution of the spray material over the area is essential for effective Metribuzin 700SC application.
- 4. The soil should be moist (not soggy) and of a fine texture and without clods.

CROP	SOIL TYPE	% CLAY	RATE/Ha	Remarks
Soya beans (Pre-emergence)	Sandy Loamy Loamy-Clay Clay	Up to 20% 20 - 30% 30 - 40% 40 -50%	0.6L 0.9L 1.1L	On other soils apply pre-emergence on varieties. Use these rates in combination with Dimethenamid 900EC, Metolachlor 960EC, or following pre-planting incorporation of Trifluralin 48EC. To ensure safety, ensure seed is at least 3,5 -4 cm deep and avoid leaving a furrow in the planting row after planting. If possible irrigate with 12mm water after. <b>DO NOT</b> apply <b>Metribuzin 700SC</b> to soybeans in lands with pH above 7,5 or with high exchangeable calcium content.
Potatoes (Pre-emergence)	Sandy to Loamy Loamy to Heavy		1,1L 1,5L	Apply uniformly to the soil directly after planting and ridging until 14 days after planting or before emergence of the crop. Use suitable applicators.
Tomato Transplants (Post - Transplant) directed spray	Sandy to Loamy Loamy to Clay To Clay	Up to 30% 30 - 50%	1,1 -1,5L 2,2L	Apply uniformly to the soil. Weeds should be taller than 40mm and grasses preferably at emergence.  Transplants should not be treated for at least 14 days after transplanting.  Metribuzin 700SC should be applied as a directed spray between rows, unless experience has shown a particular cultivar to be tolerant.

#### RE-ENTRY INTERVAL:

DO NOT enter treated area for at least 24 hours.

### WARNINGS

- Over application, application at he incorrect growth stage, or any other use not in accordance with the directions on this label may cause stunting of the crop and other adverse effects.
- 2. Heavy rains following application will cause leaching of the product and a decrease in efficacy. The efficacy of **Metribuzin 700SC** will also be adversely affected if an application is made to soil covered with plant residues or stubble (mulch).
- 3. Avoid excesive overlapping of spray swaths and double spraying.
- DO NOT add wetting agents or fertilisers to Metribuzin 700SC spray mix except in maize where Metribuzin 700SC is applied early post emergence.

### **CROP RESTRICTIONS**

- a) After Metribuzin 480SC application to potatoes, soyabeans and tomatoes. Winter cereals may be planted in lands in which Metribuzin 480SC has been applied to a preceding summer crop. DO NOT plant crops other than potatoes and sugarcane within six months of Metribuzin 480SC application. Crops such as maize, carros, tomatoes, beetroot and turnips may be planted six months after Metribuzin 489SC application while twelve months should elapse before crops such as brassicas, curcubits, onions peas, beans, lettuce, tobacco and strawberries are planted.
- b) After **Metribuzin 700SC** application to barley, maizeand sugarcane. There are no restrictions on crops grown after.
- c) Prior to planting of subsequent crops, deep and thorough ploughing (no less than 200mm) with a mold board or disk plough is essential.
- d) Tomato transplants should have taken root before Metribuzin 480SC application. Newly planted, interplanted and weak tomato plants will be adversely affected by **Metribuzin 700SC** application.
- e) DO NOT apply Metribuzin 700SC to soyabeans in lands with high pH (above 7,5) or with high exchangeable calcium content

### Some Weeds Controlled:

Scientific Name	Common Name
Acanthaospermum hispidium	Upright Star Bur
Alteranthera pungers	Khaki Bar Weed
Amaranthus deflexus	Pigweed
Bidens pilosa	Black Jack
Chenopodium album	Fat Hen
Datura stramonium	Stinkblaar
Eleusine indica	Rapoko Grass
Ipomia purppurea Nicandra physaloides	Common Morning Glory Apple of Peru
Schkuhira pinnata	Dwarf Marigold
Tribulus terrestris	Common Dubbeltjie
Commelina benghalensis	Wandering Jew
Eragrostis curvular	Weeping Love Grass
Hibiscus meeusei	Stoke Rose
Richardia scarbra	Mexican Clover
Tagetes minuta	Mexican Marigold
Urochloa pannicoides	Urachloa

### COMPATIBILT

Compatibility may be affected by the formulation of third party products and the quality of water used. In all cases check the quality of water and potential compatibility of product mixed before spraying by mixing small proportional quantities in advance

### RECOMMENDATION

Metribuzin 700SC is absorbed both through the leaves and roots of weeds. Best results are obtained when Metribuzin 700SC is applied to a moist soil before weed emergence (pre-emergent application) or when weeds are young (post-emergent application). Climatic conditions should be warm and optimal for weed growth. Metribuzin 700SC should normally control weeds for a period of 8-16 weeks depending on the concentration applied.