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 insecticide.
8) **DO NOT** contaminate drinking wells, dams, rivers, and other water ways. This product is dangerous 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

Headache, nausea, vomiting, tremors and later, convulsions.

FIRST AID TREATMENT

If inhaled: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention

If in contact with skin: Remove all contaminated clothing immediately and wash skin exposed to insecticide with running water and soap.

If in contact with eyes: Wash immediately with running water continuously for at least 15 minutes. Get medical attention.

If ingested: DO NOT induce vomiting due to aromatic solvent in the product. Keep patient at rest, get medical attention and show this label.

NOTE(S) TO PHYSICIAN

Inject Atropine Sulphate 2-4mg intravenously, repeat every 10 minutes interval until atropinisation.
In addition PAM (1-2mg) or Toxogonin (0,25g) should be administered intravenously.

CLEANING OF APPLICATION EQUIPMENT

After use ensure all traces of **Chlopyrifos 480EC** 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 **Chlorpyrifos 480EC** 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.

CHLORPYRIFOS 480EC

Insecticide



DANGEROUS POISON

Composition	Mass/Volume
Chlopyrifos	480g/l
Inert Ingredients	520g/l

Chemical Group: Organophosphate

An organophosphate insecticide for the control of soil and other agricultural insect pests in maize, potatoes citrus, sugar cane and other field crops.

Registered & Distributed by:
Optimum Agro (Pvt) Ltd
12 Highfield Road,
Southerton, Harare
+263 242 774 725
sales@optimumagro.co.zw

Expiry Date:

Date Man:

DIRECTIONS FOR USE - USE ONLY AS DIRECTED

Mixing Instructions

-Half fill the spray tank with clean water and add the required quantity of **Chlorpyrifos 480EC**. Ensure thorough agitation while topping up and during spraying.
Do not prepare more spray mixture than is needed for the immediate operation. **DO NOT** allow to stand over night.
-Thoroughly clean all equipment used for mixing, treatment and planting.

CROP	PEST	DOSAGE	APPLICATION DIRECTIONS
Maize	False wire worm, White grub, Black maize bettle (Seed & Early growth protection)	1.0 Litre(s) per ha in 200-500 litres water	a. Machine planting: Mount suitable spray nozzles behind the planting shoes to apply the chemical in a narrow band spray into planting furrow. Or b. Hand planting: Apply as a 300mm band spray over the planted row immediately prior to seed covering
Potatoes	False wire worm, White grub, (Seed & Early growth protection) Cut worm (early infestation)	1.0 Litre(s) per ha in 300 litres water 1.2 litres per ha in 400 litres	Apply as a 300mm band spray over the planted row immediately prior to seed covering. Apply as a 300mm band spray over the row when scouting reveals first signs of infestation.
	Tuber Moth	Ground application 500ml per ha in 300 litres water Aerial application 700 ml per ha in 30litres water	Apply as a full cover spray when scouting reveals first signs of infestation. Repeat every 10-14 days until pest has been controlled.
Citrus	Psylia	60ml in 100 ltrs water	When scouting reveals signs of infestation, apply a light cover spray i,e, 18 litres of spray mix per mature tree, or 1 litre per year of age of the tree to a maximum of 18 litres Psylia is most likely to occur during periods of active new growth. Avoid treatment during winter if possible.
Vegetables, Lettuce	False Wireworm White grub	53ml per 100 ltrs water	Apply 0.5 litres of spray mix per planting hole just prior to transplanting
	Cutworm & termites (immediately after transplanting)	200ml per 100 ltrs water	Apply per planting hole or at the base of the plant. **DO NOT apply over the top/heart of the plant.**
	Cutworm (Late infestation)	200ml per 100 ltrs water	Apply per planting hole or at the base of the plant. **DO NOT apply over the top/heart of the plant.**
Tomatoes	Bollworm		Apply as full cover spray and repeat every 7 days until pest are under control.
	Thrips	150 -200ml per 100ltrs water	Apply as full cover spray and repeat every 7 days until pest are under control.
Sugar Cane	Black Maize Beetle	1 litre/ha in 200 ltr water	Apply as a spray over the cane rows after harvest or at planting in the furrow. Use suitable equipment.

RE-ENTRY INTERVAL:
Do not enter treated area for 24 hours.

HARVEST INTERVAL
Minimum time between last application and harvest:
Tomatoes 4 days, Lettuce 21 days, Maize 32 days, Potatoes 7 days Citrus 60 days.

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.