

Container disposal
Triple rinse containers. Do not re-use empty containers. Completely emptied packagings should be disposed of as hazardous waste in accordance to the national regulations on chemical disposal.

Accidental release measures

Keep people away from and upwind of spill/leak.
Avoid contact with spilled product or contaminated surfaces.
When dealing with a spillage do not eat, drink or smoke.

Advice on safe handling

No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation.

FIRST AID INSTRUCTIONS

General advice: Remove contaminated clothing immediately and dispose of safely.
Inhalation: Move to fresh air. Keep patient warm and at rest. If symptoms persist call a physician.
Skin contact: Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.
Ingestion: Rinse mouth. Do not induce vomiting. Seek medical help.

Notes to physician

Symptoms of poisoning

No symptoms known.
Treatment: Treat symptomatically. Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

In case of emergency call toll free no: 0800720021 / 0800730030 (24hrs)

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe conditions

WARRANTY
Seller's guarantee is limited to the terms set out on the label and subject thereto; the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Adengo® SC 465 is the registered trademark of the Bayer Group.



Bayer

Color: CMYK + Kontur	REF: Seite 3	typphica
PMR: 80968874A	Use only for corrections <input checked="" type="checkbox"/>	
Size: 242x150 mm	print-pdf (for server upload) <input type="checkbox"/>	
Plan: 4942b		
Date: 04.08.2015		

General Information

Adengo® SC465 is a combination product of two active ingredients: Thiencarbazone-methyl (90 g/l) and Isoxafliotole (225 g/l) plus a safener Cyprosulfamide (150 g/l). Its a herbicide against broad leaved and grass weeds in maize.

Mode of action

Isoxafliotole is a member of the new structural class of herbicides, called the isoxazoles.

It is a pigment inhibitor and inhibits 4-hydroxyphenylpyruvate dioxygenase (HPPD) thereby preventing the formation of a quinone required for carotenoid biosynthesis.

Without carotenoid pigments, chlorophyll pigments are photo-oxidized (broken down by sunlight), and chloroplasts (the organelles that contain chlorophyll) die. Emerging weeds are bleached or emerged weeds become bleached as the herbicide is taken up by the root system. The residual activity remains effective at least until the corn grows sufficient-ly to compete with late germinating weeds. This mode of action is unique when compared to herbicides that inhibit photosynthesis.

Thiencarbazone-methyl

Thiencarbazone-methyl is a sulfonylamino-carbonyl-triazolinone (SACT). It is a strong inhibitor of the enzyme acetolactate synthase (ALS) and therefore blocks the biosynthesis of branched-chain amino acids. An inhibition of the biosynthesis of the essential proteins results in first growth inhibition of the plants. Further chlorosis and antocyan discoloration of the plant leaves finally cause plant death. After post-emergence application, thiencarbazone-methyl acts predominantly by the foliage.

Cyprosulfamide

Cyprosulfamide is an acysulfamide plant growth regulator and safener. It protects the maize plants from injury from several herbicides (the safener effect) and which in addition to the safener effect reprograms maize early plant growth (the plant growth regulator effect).

Cyprosulfamide is taken up by the leaves and the roots of plants. Once inside the plant following leaf application, the compound is readily translocated in both long-distance transport systems, the plant symplast (phloem) and in the apoplast (xylem). Phloem translocation is of particular importance, since it ensures transport of the compound in the assimilate stream from mature tissues to the developing tissues at the root tips and to the shoot apex.

APPLICATION:

The product is applied early post-emergence from pre-emergence to the 3 leaf stage of the maize (BBCH 00-13).

MIXING:

Shake the container well before use. Half fill spray tank with water, pour the required volume of Adengo® SC 465 into the tank with the agitation system in operation and then top up with water to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing. Mix each spray batch freshly. Wash out the sprayer thoroughly after use using a minimum of two rinses.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

Crop	Target weeds	Rate of application	Timing of application
Maize	<i>Bidens pilosa</i> <i>Galinsoga parviflora</i> <i>Amaranthus</i> sp. <i>Portulaca</i> <i>Chenopodium</i> spp <i>Commelina</i> sp. <i>Richardia scabra</i> <i>Oxygonum</i> sp. <i>Tagetes minuta</i> <i>Datura stramonium</i> <i>Rottboellia</i> spp. <i>Setaria</i> spp. <i>Chinese lantern</i> <i>Eleusine indica</i> <i>Digitaria velutina</i> <i>Eragrostis tenuifolia</i> Susceptible: <i>Cyperus</i> sp.	0.40-0.50L/ha in 200 l water/ha	a) Pre-emergence of both crop and weeds. b) Early post-emergence of both crops and weeds.

Pre-harvest interval: No specific PHI as Adengo SC465 is used up to a particular growth stage early in the season.

ENVIRONMENTAL HAZARDS

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains.

Handling and storage

Store in a place accessible by authorized persons only.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep away from direct sunlight.
Keep away from freezing.
Protect from freezing.
Keep away from food, drink and animal feeding stuffs.

REF: 80968874A	Color: CMYK + Kontur
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Frontcover	
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Harmful (INADHURU)



80968874A



ADENGO®

SC465

Suspension Concentrate

GUARANTEE / DHAMANA:
 Thienarbazone-methyl: 90 g/L
 Isoxathione: 225 g/L
 Cyprosulflamide: 150 g/L

COMMERCIAL AND AGRICULTURAL CLASS / KUNDI LA BIASHARA NA KILIMO
 A pre-emergence and early post-emergence herbicide for the control of grasses and broadleaf weeds in maize.

Dawa ya kuangamiza magugu aina ya nyasi na yenye majani pana kwenye mashamba ya mahindi.

READ THE LABEL BEFORE USING
KEEP LOCKED UP OUT OF REACH OF CHILDREN
SOMA KIBANDIKO CHA MALEZO KABLA YA KUTUMIA DAWA HII
FUNGIA KWA KUFULI MBALI NA WATOTO

In case of an Emergency call Toll Free No. (24 hrs.)
 malipo kwa nambari: 0800720021
 or 0800730030 (Masaa 24)



REGISTRATION NO / NAMBARI YA USAJILI: PCPB (CR) 1384


Batch No / Nambari ya furushi: Date of manufacture / Tarehe ya kutengenezwa: } See on the pack / Tazama kiturushi!

Shelf Life: 2 years in original unopened container stored in a cool, dry place.


Maisha Ratuni: Mataka 2 kutoka tarehe ya kutengenezwa ikihifadhiwa kwenye chombo chake halisi kisichofunguliwa mahali pakavu na pasipo na joto jingi.

Manufacturer / Mtengenezaji: Bayer CropScience AG
 Altried-Nobel-Strasse 50
 40789 Monheim
 Germany

Distributed by / Husambazwa na: BAYER EAST AFRICA LTD.,
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 00100 GPO NAIROBI, KENYA
 Tel: +254 (0) 20 860 0000



Protect to Provide
MEMBERSHIP NUMBER AA/728



Toxic to aquatic life
 (Inadhuru viumbe wa majini)

WHO Class II: Moderately Hazardous, Harmful

Bayer

BEST LABEL APPROVED SUBJECT TO SUBMISSION OF SHIP LABEL AND PACKAGE

14 JUL 2015

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