



## MALASOL

REG. NO. L 1353 & G 635 / N-AR 0137  
W 130186

ACT NO. 36 OF 1947

AN EMULSIFIABLE CONCENTRATE  
INSECTICIDE FOR THE CONTROL OF  
CERTAIN PESTS IN THE HOME AND  
GARDEN. A CONTACT AND STOMACH  
POISON FOR THE CONTROL OF PESTS  
AS LISTED

'N EMULGEERBARE KONSENTRAAT  
INSEKDODER VIR DIE BEHEER VAN  
SEKERE PLAE IN DIE HUIS EN TUIN.  
'N KONTAK- EN MAAGGIF VIR DIE  
BEHEER VAN PLAE SOOS AANGEDUI

IRAC INSECTICIDE GROUP CODE

1B

IRAC INSEKDODER GROEP

### ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Mercaptothion (Organophosphate).....500 g/l.....Merkaptotien (Organofosfaat)

### NET VOLUME / NETTO VOLUME

Registration Holder / Registrasiehouer  
Agro-Serve (Pty) Ltd trading as EFEKTO™ Reg. No. 1973/000868/07  
PO Box 652147, BENMORE, 2010

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CUSTOMER CARE / KLIËNTEDIENS: Tel: 0861 EFEKTO (333586) office hours  
info@efekto.co.za / [www.efekto.co.za](http://www.efekto.co.za)

EMERGENCY NUMBER / NOODNOMMER  
0831233911

**BEFORE USING THIS PRODUCT PLEASE READ the LABEL CAREFULLY**

### BATCH NUMBER / LOTNOMMER

### DATE MANUFACTURED / DATUM VERVAARDIG

UN NUMBER: 1993



CAUTION  
VERSIGTIG



## WAARSKUWINGS

DIE VOLGENDE AANTAL DAE MOET VERLOOP TUSSEN LAASTE TOEDIENING EN OES OF VOOR BEWEIDING:

Appels, appelkose, piesangs, perskes, pere, pruime, koejawels, pampoengewasse en alle ander eetbare gewasse nie spesifiek genoem :..... 10 dae

Avokado's, bone, koolgewasse, lusern, papajas, grenadellas, sitrus en uie ..... 7 dae

Sampioene en tomaties ..... 1 dag

**MOENIE OP PAMPOENGWASSE TOEDIEN AS DIE PLANTE NAT IS NIE.  
MOENIE GEBRUIK WAAR MELK VERWERK OF GEBERG WORD NIE.**

Hanteer versigtig.

Giftig deur kontak, inname en inaseming.

Giftig vir visse, bye en wild.

**VLAMBAAR:** Moenie naby oop vlamme berg of meng nie.

Berg weg van voedsel en voer.

Hou buite bereik van kinders, oningeligte persone en diere.

Hou houer dig toe.

Die waterverdunde spuitstof mag ligte vlekke op mure veroorsaak wat met koue waterverf (Distemper), of soortgelyke verf, behandel is.

## VOORSORGMAATREëLS

Dra beskermende klere tydens meng en aanwending (rubberhandskoene, -stewels en 'n gesigskerm.

Vermyn inaseming van spuitmis.

Was met seep en water na toevallige velkontak.

Moet nie eet, drink of rook tydens voorbereiding of aanwending of voordat gesig en hande gewas is nie.

Verhoed dat spuitmis na ander gewasse of gebiede wat nie bespuit word nie, oorwaai.

Verhoed besoedeling van voedsel, voer, eetgerei en water.

Vernietig leë houer en moet vir geen ander doel gebruik nie.

**GEBRUIKSAANWYSINGS****GEBRUIK SLEGS SOOS AANGEDUI****MENGININSTRUKSIES**

Voeg 1 deel **MALASOL** by 2 - 3 dele water en roer deeglik.

Voeg daarna hierdie mengsel by die res van die water hieronder voorgeskryf en roer weer goed.

**A. HUISTUIN**

<b>GEWAS EN PLAAG</b>	<b>HOEVEELHEID / 10 ℓ WATER OF SOOS AANGEDUI</b>	<b>METODE VAN TOEDIENING</b>
<b>ALGEMEEN</b> Bontmieliekewer	12,5 ml	Dien 'n volledige dekbespuiting toe op die plantdele wat aangeval word. Herhaal wanneer nodig
Kommandowurm	12,5 ml	Dien toe wanneer nodig
Korthoringsprinkane en Kriekes	25 ml	Dien 'n volledige dekbespuiting toe wanneer die plaag begin lastig word
Miere	40 ml / 1 ℓ	<b>Kolbehandeling</b> Bespuit grond in besmette areas deeglik. Behandel ook gate
Vrugtevlieë en Pampoenvlieë (Appels, Pere, Appelkose, Perskes, Koejawels, Grenadellas, Sitrus en Pampoengewasse)	17,5 ml + 800 g suiker of 20 ml proteïn hidrolisaat	<b>Lokaas toediening</b> Dien toe as 'n growwe druppelbespuiting teen 250 - 1000 ml lokaas per boom, met weeklikse tussenposes wanneer vrugte vatbaar is vir aanval. Dien op pampoengewasse toe vandat die plante begin blom en herhaal weekliks. Dien in die winter toe op immergroen bome op warm sonnige dae ten einde oorwinterende bevolkings te verminder. Herhaal alle toedienings na reën
<b>APPELS EN PERE</b> Bloedluis, Bryobia myt, Plantluis en Witluis	12,5 ml	Dien 'n volle dekbespuiting toe wanneer die plaag verskyn en herhaal indien nodig

<b>AVOKADO'S</b> Blaaspootjies en Sagtebruindopluis	25 ml	Dien as 'n ligte dekbespuiting toe wanneer plaag opgemerk word
<b>BLOMME EN SIERPLANTE</b> Plantluse, Australiese- en Witluse	12,5 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word
Blaaspootjies	17,5 ml	Dien deeglik toe met weeklikse tussenposes wanneer plaag opgemerk word
CMR-kewers, Sagtebruin- en Roodopluis	25 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word
<b>BONE</b> Blaaspootjies en CMR- kewers	25 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word. Teen blaaspootjies herhaal na 10 - 14 dae
Plantluse	12,5 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word en herhaal wanneer nodig
<b>GRASPERKE</b> Ruspes	25 ml	Dien 'n volledige dekbespuiting toe wanneer skade opgemerk word
<b>GRENADELLAS</b> Blaaspootjies	17,5 ml	Dien 'n volledige dekbespuiting toe wanneer die plaag las gee
Pers-, Rooi-, Wit- en Sagtebruindopluis, asook Witluse	25 ml	Dien 'n volledige dekbespuiting toe wanneer nodig
<b>KLAWER EN LUSERN</b> Erdvlooië	3 ml	Dien 2 keer toe met 3 weke tussenpose. Begin wanneer plaag opgemerk word, gewoonlik na die eerste laat herfsreën of vroeë lentereën

<b>KOOLGEWASSE</b> Ruitrugmotlarwes	25 ml	Dien 'n volledige dekbespuiting toe sodra plaag opgemerk word. Herhaal met weeklikse tussenposes.
<b>KOEJAWELS</b> Dopluis	25 ml	Dien 'n volledige dekbespuiting toe sodra plaag opgemerk word
Witluis	12,5 ml	Dien 'n volledige dekbespuiting toe sodra plaag opgemerk word
<b>PAPAJA</b> Plantluis	12,5 ml	Dien 'n volledige dekbespuiting toe sodra plaag opgemerk word
<b>PERSKES</b> Bryobiamyt en Plantluis	12,5 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word
<b>PIESANGS</b> Blaaspootjies en Plantluis	17,5 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word
<b>PRUIME</b> Witluis	12,5 ml	Dien 'n volledige dekbespuiting toe wanneer plaag opgemerk word. Herhaal 2 - 3 keer met 2 - 3 weke tussenposes
<b>SAMPIOENE</b> Swammuggies	15 ml	Volledige dekbespuiting en herhaal na oes
<b>SITRUS</b> Blaaspootjies	17,5 ml	Dien toe met 80 - 100% blomblaarval. Volle ligte dekbespuiting oor blaarkoepel teen ± 10 l per volgroeide boom

Australiese- en Witluise	12,5 mℓ	Volledige dekbespuiting sodra plaag opgemerk word. Dien sover moontlik op kol basis toe
Rooi-, Mossel-, Sagtebruin- en Rondepersdopluis	30 mℓ	Voorkomende behandeling (Rooi-, Mossel- en Rondepersdopluis). Dien toe met 80 - 100% blomblaarval. Behandel volgroeide bome eenkeer en indien nodig herhaal op jong bome na 6 - 8 weke. Teen Sagtebruindopluis dien korrekatief op 'n kol basis toe
<b>TAMATIES</b> Plantluise	12,5 mℓ	Dien 'n volledige dekbespuiting toe sodra die plaag opgemerk word en herhaal indien nodig
Blaaspootjies	17,5 mℓ	Dien 'n volledige dekbespuiting toe sodra die plaag opgemerk word en herhaal indien nodig
<b>UIE</b> Blaaspootjies	17,5 mℓ	Dien 'n volledige dekbespuiting toe sodra plaag verskyn. Herhaal met 7 -10 dae tussenposes. <b>NIE VIR GEBRUIK OP SPRIETUIE NIE</b>

## B. PUBLIEKE GESONDHEID, HUISHOUELIK EN PLUIMVEE

PLAAG	HOEVEELHEID / 1 ℓ WATER OF SOOS AANGEDUI	METODE VAN TOEDIENING
<b>WOONHUISE, KAMPONGS EN ANDER PERSELE</b> Kakkerlakke, Weeluisse, Vlieë, Muskie, Vismotte, Vlooi, Tapytkewers en Miere	<b>KOL- BEHANDELING</b> (100 mℓ) <b>ALGEMENE BEHANDELING</b> (30 mℓ)	Dien as 'n growwe druppelbespuiting toe of verf aan oppervlakke waar insekte voorkom of skuil
<b>VELLE EN HUIDE</b> Kewers en larwes	20 mℓ +10 ℓ Kragparaffien	Dien 'n growwe druppelbespuiting toe teen ± 50 ℓ / 600 m <sup>2</sup> , met besondere aandag aan die vleiskant

<b>PLUIMVEE</b> Roimyte, Vlooië en Luise	20 ml	Verwyder alle skropgoed en nesstrooi en verbrand dit. Bespuit alle oppervlakke in hokke asook neste deeglik. Maak ook die kosbakke leeg en behandel dit binne- en buitekant. Pluimvee mag ook bespuit word. Herhaal bespuiting na een maand
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## WARNINGS

### THE FOLLOWING NUMBER OF DAYS MUST BE ALLOWED BETWEEN LAST APPLICATION AND HARVEST OR GRAZING:

Apples, apricots, bananas, peaches, pears, plums, guavas, cucurbits and all other edible crops not specifically mentioned .....	10
Avocados, beans, lucerne, cabbage, papaya, granadillas, citrus and onions .....	7
Mushrooms and tomatoes .....	1

### DO NOT APPLY TO CUCURBITS UNLESS PLANTS ARE DRY. DO NOT USE WHERE MILK IS PROCESSED OR STORED.

Handle with care.

Poisonous by contact, swallowing and inhalation.

Toxic to fish, bees and wildlife.

**FLAMMABLE:** Do not store or use near open flame.

Store away from food and feed.

Keep out of reach of children, uninformed persons and animals.

Keep container well closed.

The water diluted spray might cause slight staining of walls painted with distemper or similar paints.

## PRECAUTIONS

Wear protective clothing whilst mixing and applying (rubber gloves, boots and a face shield).

Do not inhale spray mist.

Wash with soap and water after accidental skin contact.

Do not eat, drink or smoke whilst mixing or applying or before washing hands and face.

Prevent drift of spray onto other crops or areas not under treatment.

Prevent contamination of food, feed, eating utensils and water.

Destroy empty container and do not use for any other purpose.



**DIRECTIONS FOR USE****USE ONLY AS DIRECTED****MIXING INSTRUCTIONS**

Prepare the spray by pouring one part of **MALASOL** into 2 - 3 parts of water and stir well; then add this to the rest of the water prescribed below and stir well.

**A. HOME GARDEN**

<b>CROP AND PEST</b>	<b>DOSAGE / 10 ℓ WATER OR AS INDICATED</b>	<b>METHOD OF APPLICATION</b>
<b>GENERAL</b> Astylus Beetle	12,5 mℓ	Apply as a full cover spray to infested plants. Repeat when necessary
Army Worm	12,5 mℓ	Apply when necessary
Short-horn Grasshoppers and Crickets	25 mℓ	Apply as a full cover spray when pest is troublesome
Ants	40 mℓ / 1 ℓ of water	<b>Spot treatment</b> Spray infested soil thoroughly. Also treat holes
Fruit- and Pumpkin Flies (Apples, Pears, Apricots, Peaches, Guavas, Granadillas, Citrus and Cucurbits)	17,5 mℓ + 800 g Sugar or 20 mℓ Protein hydrolysate	<b>Bait treatment</b> Apply as a coarse droplet spray at weekly intervals to leaf surfaces using 250 - 1000 mℓ bait per tree, when fruit is susceptible to attack. Apply to cucurbits when flowering commences. Repeat at weekly intervals. Apply in winter to evergreen trees on warm sunny days to reduce overwintering population. Repeat all treatments after rain
<b>APPLES AND PEARS</b> Mealy Bugs, Bryobia Mite, Aphids and Woolly Aphids	12,5 mℓ	Apply as a full cover spray as soon as pest appears and repeat when necessary

<b>AVOCADOS</b> Thrips and Soft Brown Scale	25 ml	Apply as a full cover spray when pest is noticed
<b>FLOWERS AND ORNAMENTALS</b> Aphids, Australian Bug and Mealy Bug	12,5 ml	Apply as a full cover spray when pest is noticed
Thrips	17,5 ml	Apply thoroughly at weekly intervals when pest or damage is noticed
CMR-beetles, Soft Brown and Red Scale	25 ml	Apply as a full cover spray when pest is noticed
<b>BEANS</b> Thrips and CMR-beetles	25 ml	Apply as a full cover spray when pest is noticed. Repeat at 10 - 14 day intervals against thrips
Aphids	12,5 ml	Apply as a full cover spray when pest is noticed and repeat when necessary
<b>LAWNS</b> Caterpillars	25 ml	Apply as a full cover spray when damage is noticed
<b>GRANADILLAS</b> Thrips	17,5 ml	Apply as a full cover spray when pest is troublesome
Purple-, Red-, White- and Soft Brown Scale as well as Mealy Bug	25 ml	Apply as a full cover spray when necessary
<b>CLOVER AND LUCERNE</b> Earth Fleas	3 ml	Apply twice at 3 week intervals. Start application when pest is noticed, usually after the first late autumn or early spring rain
<b>CABBAGE</b> Diamond-back Moth larvae	25 ml	Apply as a full cover spray as soon as pest is noticed. Repeat at weekly intervals

<b>GUAVAS</b> Scale	25 mℓ	Apply as a full cover spray as soon as pest is noticed
Mealy Bugs	12,5 mℓ	Apply as a full cover spray as soon as pest is noticed
<b>PAPAYA</b> Aphids	12,5 mℓ	Apply as a full cover spray as soon as pest is noticed
<b>PEACHES</b> Bryobia Mite and Aphids	12,5 mℓ	Apply as a full cover spray when pest is noticed
<b>BANANAS</b> Thrips and Aphids	17,5 mℓ	Apply as a full cover spray when pest is noticed
<b>PLUMS AND PRUNES</b> Mealy Bugs	12,5 mℓ	Apply as a full cover spray when pest is noticed. Repeat 2 - 3 times at 2 - 3 week intervals
<b>MUSHROOMS</b> Fungus gnats	15 mℓ	Apply as a full cover spray. Repeat after picking
<b>CITRUS</b> Thrips	17,5 mℓ	Apply at 80 - 100% petal drop, as a light full cover spray at ± 10 ℓ per full grown tree
Australian- and Mealy Bug	12,5 mℓ	Apply as a full cover spray when pest is noticed. If possible on spot spray basis
Red-, Mussel- and Circular Purple Scale as well as Soft Brown scale	30 mℓ	Preventative treatment (Red-, Mussel and Circular Purple Scale). Apply at 80 - 100% petal drop. Spray mature trees once and if necessary, in the case of young trees, apply a second application 6 - 8 weeks later. Against Soft Brown Scale apply correctively on a spot spray basis

<b>TOMATOES</b> Aphids	12,5 mℓ	Apply as a full cover spray when pest is noticed and repeat when necessary
Thrips	17,5 mℓ	Apply as a full cover spray when pest is noticed and repeat when necessary
<b>ONIONS</b> Thrips	17,5 mℓ	Apply as a full cover spray when pest is noticed. Repeat at 7 - 10 day intervals. NOT FOR USE ON SPRING ONIONS

## B. PUBLIC HEALTH, HOUSEHOLD AND POULTRY

PEST	DOSAGE / 1 ℓ OF WATER OR AS INDICATED	METHOD OF APPLICATION
<b>HOUSES, COMPOUNDS AND OTHER PREMISES</b> Cockroaches, Mosquitoes, Bedbugs, Flies, Fish Moths, Fleas, Carpet Beetles and Ants	<b>SPOT APPLICATION</b> (100 mℓ) <b>GENERAL APPLICATION</b> (30 mℓ)	Apply as a coarse droplet spray or paint on the surfaces where insects occur
<b>HIDES AND SKINS</b> Beetles and Larvae	20 mℓ + 10 ℓ of power paraffin	Apply as a coarse spray at the rate of ± 50 ℓ / 600 m <sup>2</sup> . Pay special attention to the flesh side of hides
<b>POULTRY</b> Red Mites, Fleas and Lice	20 mℓ	Remove and preferably burn all litter and nest material before all surfaces in the poultry house are sprayed thoroughly. Remove all feed from the troughs before application and then spray them on the inside and outside. Poultry may also be sprayed. Repeat treatment after one month