

An organic broad spectrum insecticide concentrate with contact and repelling action used as a full cover spray for the control of insects as listed on roses, fruit trees, vegetables and ornamentals.

'n Organiese breëspektrum konsentraat insekdoder met kontak dodende en afwerende aksie, toegedien as 'n volle dekbepuiting vir die beheer van insekte soos gelys op rose, vrugtebome, groente en sierplante.

Registration Holder and Distributed by:
Makhro Home And Garden (Pty) Ltd
Reg. Nr. 2014 / 283523 / 07
18 Viben Street, Brackenfell 7560
Tel: (021) 981 4011

MAKHRO HOME AND GARDEN (PTY) LTD

ORGANICIDE

Reg. Nr. L9579 – Act 36 of 1947

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Conola oil	473.0 g / ℓ	Konola olie
Garlic extract from <i>Allium sativa</i>	473.0 g / ℓ	Knoffel ekstrak van <i>Allium sativa</i>
Pyrethrum extract from flowers of <i>chrysanthemum</i> <i>cinerariaefolium</i>	2.75 g / ℓ	Piretriene ekstrak van <i>Chrysanthemum</i> <i>cinerariaefolium</i> blomme



CAUTION
VERSIGTIG



MAKHRO ORGANICIDE

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INSECTICIDE GROUP CODE 3A

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MAKHRO HOME AND GARDEN (PTY) LTD (2014/283523/07)



Office No: 021 981 4011

21 Viben Street, Brackenfell

Technical advise: 082 562 5330

Medical Emergency: 0861 555 777

ALLOW 24 HOURS BETWEEN LAST APPLICATION AND HARVEST OF EDIBLE CROPS

WARNINGS:

- Handle with care.
- Can cause skin or eye irritation.
- Keep out of reach of children, uninformed persons and animals.
- Store away from food and feedstuffs in a cool dry place.
- Toxic to fish.
- Not suitable for cooking.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; compatibility with other substances not indicated on the label and the appearance of resistance of the insect against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier or registration holder in the event of any uncertainty.

PRECAUTIONS:

- Do not inhale spray mist. Avoid contact with eyes.
- Wear rubber gloves and face shield when handling the concentrate.
- Wear rubber gloves during application
- If skin or eye contact occurs, flush with copious amounts of clean water.
- Do not eat, drink or smoke while mixing or before washing hands.
- Prevent drift of spray to other crops, water supplies, dams or rivers.
- Keep container tightly closed when not in use.
- Avoid excessive inhalation of spray drift.
- Wash with soap and water after use.
- Prevent spray drift onto other crops, water sources, dams and rivers and areas not under treatment.
- Rinse empty container three times with a volume of water equal to at least 10% of that of the content of the container. Add the rinsings to the contents of the spray tank.
- Destroy empty container and do not use for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Not recommended for cut flower production – it might be phytotoxic.

GENERAL INFORMATION:

Canola kills targeted small bodies insects on contact by means of suffocation. Garlic prevents insects from landing on plants. Natural pyrethrum has a residual action of maximum 24 hours after application and can kill bigger bodies insects on contact. Beneficial predators like ladybirds can be killed on direct contact at the lowest recommended dosage rate. Avoid spraying when high populations of ladybirds are present on plants.

No harmful residue is left for longer than 24 hours after applications. Not suitable for spraying over surfaces like carpets, tiles etc. cover surfaces with newspaper if spraying of plants in containers are necessary. Indoor use not recommended. Garlic becomes odourless on plants, but takes a while for the odour to disappear from other surfaces.

DIRECTIONS FOR USE:

Use only as indicated.

COMPATIBILITY:

MAKHRO ORGANICIDE combined with fungicides containing copper or organic acids can cause chlorosis on rose leaves of selected rose varieties grown in the open after one or more applications.

Before using in combination with any pesticide, first test on a small scale. In case of any uncertainties, contact the registration holder or supplier.

CERTIFIED ORGANIC FARMING:

MAKHRO ORGANICIDE is authorised for use in organic agriculture by ECOCERT SA F 32600 and should only be used in combination with other pesticides approved for organic farming.

MIXING INSTRUCTIONS:

SHAKE OR STIR CONTAINER WELL BEFORE USE. Mix measured quantity of **MAKHRO ORGANICIDE** concentrate first with an equal amount of water. Fill tank of applicator with half of the desired volume water. Add the required amount of **MAKHRO ORGANICIDE** to the spray tank while it is filled with water to the desired quantity. After mixing concentrate, agitate again before and during spraying to prevent settling. Use the spray mixture without delay and do not allow to stand for prolonged periods, e.g. overnight .

DO NOT APPLY DURING THE HEAT OF THE DAY, OR WHEN TEMPERATURES EXCEEDS 28 °C. APPLY PREFERABLY EARLY MORNING BEFORE 9 AM OR EARLY EVENING 5 PM DURING HOT MONTHS.

Insecticide formulation containing natural oils can cause slight shrivelling of soft leaf and flower growth and light chlorotic spots on maturing leaves after repeated applications at short intervals. Normally, excess wetting of leaves lead to possible phytotoxicity reactions (chlorosis, necrosis, wetting etc.), as is the case with applying may pesticides.

If rain occurs within 12 hours after application, treatment has to be repeated for best results.

Do not apply just prior to or during pollination, garlic might repel bees and therefore, adversely affects pollination.

Repeated applications not recommended for use on cut flower varieties in tunnels. One to two applications within 7 days carry a low risk of phytotoxicity symptoms.

EFFECTIVE FOR KILLING AND REPELLING INSECTS

APPLICATION RATES:

CROP / INSECT	DOSAGE	REMARKS
FRUIT and VEGETABLE Aphids Astylus beetle Red spider mite Whitefly	15 ml - 20 ml / ℓ water	Apply as a high pressure, full cover spray when first sign of pests are detected. Ensure thorough coverage of plants to be protected. Use lower rate on young plants and higher dosage rate when insect pressure is high, and plants more mature. Repeat applications at 5 day interval with maximum of 3 within a period of 3 days. In the case of whiteflies, apply early morning after sunrise when adult whiteflies are still resting under leaves. Three applications within 10 days are necessary to obtain positive results in the control of whitefly. Ensure thorough coverage of the underside of leaves in the case of whitefly and red spider mite control.
ORNAMENTALS Aphids Red spider mite Whitefly	15 ml - 20 ml / ℓ water	Apply as a high pressure, full cover spray when first sign of pests are detected. Ensure thorough coverage of plants to be protected. Use lower rate on young plants and higher dosage rate when insect pressure is high, and plants more mature. Repeat applications at 7 day intervals. In the case of whitefly, apply early morning after sunrise when adult whiteflies are still resting under leaves. Ensure thorough coverage of the underside of leaves in the case of whitefly and red spider mite control.
ROSES Ants Aphids Red spider mite Thrips Astylus CMR beetle	15 ml / ℓ water 15 ml / ℓ water 15 ml / ℓ water 30 ml / ℓ water	Drench ant nests by pouring diluted spray mixture down nest entrances. Depending on the size of the nest, up to 5 liters of mixture can be poured down the next. Treat all nest entrances round the main stem of plant. Repeat when ant activity re-occur. Apply as a high pressure, full cover spray when pest occurs. Ensure thorough coverage of plants. Two to three applications at weekly intervals are normally necessary for best control. Thorough coverage of the underside of leaves is necessary for effective control of red spider mite (spray from ground level upwards). Apply as a high pressure, full cover spray when adult beetles are actively feeding. Astylus; CMR and Flower beetles are active during daytime and Chafer beetles at night. Ensure thorough coverage of plants and direct contact with adult beetles for best results. Repeat when necessary.
SOIL PESTS Ants (Garden)	15 ml / ℓ water	Drench ant nests by pouring diluted spray mixture down nest entrances. Depending on the size of the nest, up to 5 liters of the mixture can be poured down the nest. Repeat when ant activity re-occur.
MINOR CROPS Berries, Cherries, Nuts, Pomegranates, Figs Ants Aphids Astylus beetle CMR beetle Thrips Red spider mite White fly	15 ml / ℓ water	Apply as a high pressure, full cover spray when first sign of pests are detected. Ensure thorough coverage of plants to be protected. Use lower rate on young plants and higher dosage rate when insect pressure is high, and plants more mature. Repeat applications at 5 day interval with a maximum of 3 within a period of 10 days. In the case of whitefly, apply early morning after sunrise when adult whiteflies are still resting under leaves. Three applications within 10 days are necessary to obtain positive results in the control of whitefly. Ensure thorough coverage of the underside of leaves in the case of whitefly and red spider mite control.