

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

K-Obiol[®] EC Combi

SYNERGISED GRAIN PROTECTANT

ACTIVE CONSTITUENTS: 50 g/L DELTAMETHRIN
400 g/L PIPERONYL BUTOXIDE

GROUP 3A INSECTICIDE

Contents
1 - 10 L

For mixing with uninfested cereal grain, including malting barley, sorghum, rice and maize, for protection against various insect pests as per the Directions for Use.

DIRECTIONS FOR USE**RESTRAINTS**

DO NOT apply more than one deltamethrin post-harvest treatment to stored grain.

DO NOT use this product if post-harvest application of a deltamethrin grain protectant or other group 3A insecticide has previously occurred.

Situation	Pest	State	Rate	Critical comments
<p>Stored cereal grain, including malting barley, sorghum, rice and maize</p>	<p>Saw-toothed grain beetle <i>Oryzaephilus surinamensis</i> Flat grain beetles <i>Cryptolestes</i> spp. Lesser grain borer <i>Rhyzopertha dominica</i> Tropical warehouse moth <i>Ephestia cautella</i> Rust-red flour beetle <i>Tribolium castaneum</i> Confused flour beetle <i>Tribolium confusum</i></p>	<p>All states except WA</p>	<p>1 L per 50 L water + an additional registered grain protectant* at the recommended rate.</p>	<p>This product is for use only by Approved Users. For further information go to au.envu.com.</p> <p>Apply at the rate of 1 litre diluted spray per tonne of grain.</p> <p>Apply through standard grain spraying machinery. The output of spray through each nozzle must be regulated according to the flow of the grain.</p> <p>*Choose an additional grain protectant which contains fenitrothion or chlorpyrifos-methyl.</p> <p>See mixing/applications instructions.</p> <p>This treatment will provide up to 9 months protection.</p> <p>Warning: Resistant strains of some species may be present in some situations and may not be controlled by K-Obiol EC Combi alone. Use of an additional grain protectant in a tank mix is therefore recommended. Refer to Note on control of <i>Sitophilus</i> spp. and resistant and tolerant strains of stored cereal grain pests in the General Instructions.</p> <p>SINGLE APPLICATION ONLY</p>

Situation	Pest	State	Rate	Critical comments
<p>Stored cereal grain, including wheat and barley</p>	<p>Saw-toothed grain beetle <i>Oryzaephilus surinamensis</i></p> <p>Flat grain beetles <i>Cryptolestes</i> spp</p> <p>Lesser grain borer <i>Rhyzopertha dominica</i></p> <p>Tropical warehouse moth <i>Ephestia cautella</i></p> <p>Rust-red flour beetle <i>Tribolium castaneum</i></p> <p>Confused flour beetle <i>Tribolium confusum</i></p>	<p>WA only</p>	<p>1 L per 50 L water + an additional registered grain protectant* at the recommended rate.</p>	<p>DO NOT TREAT GRAIN THAT MAY BE DELIVERED TO COOPERATIVE BULK HANDLING LTD (CBH) AND DO NOT TREAT GRAIN THAT MAY BE DELIVERED TO ANY OTHER BULK HANDLING COMPANY WITHOUT PRIOR APPROVAL FROM THAT COMPANY.</p> <p>This product is for use only by Approved Users. For further information go to au.envu.com.</p> <p>Apply at the rate of 1 litre diluted spray per tonne of grain.</p> <p>Apply through standard grain spraying machinery. The output of spray through each nozzle must be regulated according to the flow of the grain.</p> <p>*Choose an additional grain protectant which contains malathion.</p> <p>See mixing/applications instructions.</p> <p>This treatment will provide up to 9 months protection.</p> <p>Warning: Resistant strains of some species may be present in some situations and may not be controlled by K-Obiol EC Combi alone. Use of an additional grain protectant in a tank mix is therefore recommended. Refer to Note on control of <i>Sitophilus</i> spp. and resistant and tolerant strains of stored cereal grain pests in the General Instructions.</p> <p>SINGLE APPLICATION ONLY</p>

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD: Not required when used as directed. Observe any withholding periods which may apply to the additional grain protectant product in the tank mix.

TRADE ADVICE

EXPORT OF TREATED PRODUCE

Users should note that suitable MRLs or import tolerances may not have been established in all markets for produce treated with **K-Obiol EC Combi Synergised Grain Protectant** or the tank-mix-partner product. If necessary, details of overseas MRL's or tolerances should be obtained prior to treating of grain for export using this product.

GENERAL INSTRUCTIONS

STEWARDSHIP

The use of **K-Obiol EC Combi** for the control of Stored Grain Pests is subject to a stewardship program. 2022 Environmental Science AU Pty Ltd only permit users who have successfully completed the product training course to purchase and use **K-Obiol EC Combi** to become an 'approved user'. Approved users should be aware of the Australian Grain Industry Code of Practice and, in particular, their responsibility to advise the buyer of grain that it has been treated with '**K-Obiol EC Combi Synergised Grain Protectant**'. Where possible this should be done using the GTA (Grain Trade Association) 'Grain Commodity Vendor Declaration'. For further information, visit the GTA website www.graintrade.org.au, and to access the training package, visit www.au.envu.com.

MIXING/APPLICATION

DO NOT store diluted insecticide; prepare a fresh solution as necessary. DO NOT spray the moving parts of any machinery, electric motors or switch-gear with the water-based diluted spray. The diluted spray should be applied through standard grain spraying equipment. The spray nozzle(s) must be capable of delivering an even spray pattern and the output of spray must be regulated according to the flow of the grain. The spray rate, measured in litres per hour must equal the auger or elevator uptake in tonnes per hour. Treated grain should not be moved for 24 hours after treatment. On completion wash out spraying equipment, mixing and measuring utensils with water.

COMPATIBILITY

As formulations of other manufacturers' products are beyond the control of 2022 Environmental Science AU Pty Ltd and as water quality may vary, all mixtures should be tested prior to mixing commercial quantities to assess physical compatibility. Read the label for the other insecticide product before mixing or using the tank mix. DO NOT mix concentrates together but add each one to the spray tank separately. DO NOT store mix overnight. As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, 2022 Environmental Science AU Pty Ltd cannot be responsible for the behaviour of such mixtures.

INSECTICIDE RESISTANCE WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management, **K-Obiol EC Combi** is a group 3A insecticide. Some naturally occurring insect biotypes resistant to **K-Obiol EC Combi** and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if **K-Obiol EC Combi** or other Group 3A insecticides are used repeatedly. The effectiveness of **K-Obiol EC Combi** on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, 2022 Environmental Science AU Pty Ltd accepts no liability for any losses that may result from the failure of **K-Obiol EC Combi** to control resistant insects. **K-Obiol EC Combi** may be subject to specific resistance management strategies. For further information contact your local supplier or 2022 Environmental Science AU Pty Ltd representative.

Note on control of *Sitophilus* spp. and resistant and tolerant strains of stored cereal grain pests:

For control of rice weevil, granary weevil, maize weevil (*Sitophilus* spp.) and strains of pests in stored cereal grains which are resistant to or naturally tolerant to the pyrethroid group of insecticides, a tank mix of **K-Obiol EC Combi** and another registered insecticide is recommended. Before use, read the label of the product to be used in a tank mix with **K-Obiol EC Combi** to ensure all use recommendations and restrictions are understood. These restrictions include, though may not be limited to, a withholding period of 90 days for grain treated at 12 ppm with fenitrothion or malathion and no permitted use of chlorpyrifos-methyl products for stored grain treatment of rice, malting barley and maize.

See also Compatibility section.

PRECAUTIONS

RE-HANDLING: DO NOT handle treated grain until the spray has dried unless wearing chemical resistant gloves and a disposable dust mask covering mouth and nose.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product. DO NOT reuse empty containers for any other purpose.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will damage the eyes. Will irritate the skin. Avoid contact with eyes and skin. Do not inhale vapour. Ensure adequate ventilation when using product. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist or equivalent clothing, elbow length PVC gloves and goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (phone 13 11 26).

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet.

CONDITIONS OF SUPPLY

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE RETURN AT ONCE UNOPENED.

To the extent permitted by law 2022 Environmental Science AU Pty Ltd does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. 2022 Environmental Science AU Pty Ltd does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter. To the extent only that 2022 Environmental Science AU Pty Ltd is prevented by law from contracting out of the Consumer Guarantees Act then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

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ABN 49 656 513 923

Suite 2.06, Level 2, 737 Burwood Road,

Hawthorn East, Vic. 3123

Technical enquiries 1800 024 209

technicalsupport.australia@envu.com

Website: www.au.envu.com



For specialist advice in an emergency only call +61 2 9037 2994 or 1800 862 115 toll free. The toll free phone number is possibly accessible, but not guaranteed from payphones within Australia and is not accessible from outside of Australia.

Batch Number:

DOM:

Barcode

GHS

Harmful if inhaled or swallowed. May be fatal if swallowed and enters airways. Causes serious eye damage.

Avoid breathing vapour. Wear eye protection/face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a POISON CENTRE or doctor/physician if you feel unwell.