

DANGER KEEP OUT OF REACH OF CHILDREN

Metafol[®] SC

**Selective herbicide for pre and post emergence use to control
annual weeds in fodder beet, sugar beet and red beet**



Active ingredient:
700g/litre metamitron in the form of a suspension concentrate

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Registered pursuant to the ACVM Act 1997, No. P9245
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval Code HSR101186
See www.epa.govt.nz for approval controls.

Registrant:
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**NET
CONTENTS:**
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LITRES

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HSNO Classifications: 6.1B, 6.3B, 6.9B, 9.1A, 9.2A, 9.3C

APPROVED HANDLER

This product must only be applied by an approved handler. At all other times it must be under the personal control of an approved handler or secured.

Tracking:

Location and movement of this product must be recorded at each stage of its life cycle.

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

TOXICITY

Toxic - may be fatal if swallowed, inhaled or absorbed through the skin.

Harmful - may cause skin irritation. May cause target organ damage from repeated oral exposure at high doses.

ECOTOXIC

Very toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container. For the protection of aquatic organisms a buffer zone (in all directions) of greater than 4 metres must be observed from water bodies.

Selective herbicide - very toxic to some plant species.

Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

Harmful to terrestrial vertebrates. This product must not be applied into or onto water.

HANDLING PRECAUTIONS

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds and fertilizers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

Stores containing 100L of Metafol SC require signage and secondary containment and more than 100L require emergency response plans.

PERSONAL PROTECTION

Avoid skin or eye contact and inhalation of spray mist. When handling wear eye protection, waterproof gloves, boots, hat and trousers. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

Apply with well-maintained and calibrated equipment. Flush spray equipment thoroughly with clean water after use.

DISPOSAL

Triple rinse empty container and add rinsate to the spray tank. Recycle empty container, otherwise crush and bury in a suitable landfill.

Dispose of product only by using according to the label, or at an appropriate landfill.

First Aid: If swallowed do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

Spillage: Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material. Dispose of waste safely in an approved landfill.

Transport: Do not carry this product on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept.

24 Hour Emergency Response
0800 CHEM CALL
0800 243 622
AR214

BATCH NO
DOM

Resistant weeds warning: Metafol SC contains a **GROUP C HERBICIDES** belonging to the triazinones group of chemistry, with the inhibition of photosynthesis at photosystem II mode of action. Naturally occurring biotypes resistant to triazinones may exist and become more prevalent after many years of continuous use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies (if any) at www.resistance.nzpps.org/

Mixing: Shake container thoroughly before use. Half fill the spray tank and commence agitation. Add the measured quantity of Metafol SC and with the agitator running top up with the remainder of the water. Maintain agitation during spraying. Do not allow the spray mixture to stand overnight.

Metafol SC is compatible with most other post-emergent beet herbicides.

Re-entry: If re-entry work is required within 24 hours of application, personal protective equipment must be worn. Public access must not occur during this period.

GENERAL INFORMATION

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Metafol SC can be applied pre- or post-emergence in beet crops. It is a selective, systemic herbicide which has both pre- and post-emergence activity against weeds. It is absorbed by both leaves and roots and translocated into the leaves where it disrupts photosynthesis. Application is limited to ground based low boom application using coarse to medium sized droplets. Smaller sized droplets or other application methods are not permitted.

The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in the substance leaching into ground water. Do not apply when heavy rainfall is expected.

For the protection of non-target plants a 15 metre buffer zone from downwind non-target vegetation is recommended. Where threatened non-target plants are present in areas adjacent to the application area, extra care should be taken not to impact these plants. Local conditions may require the user to take into account site specific conditions on the day of application and amend the size of the buffer zone as necessary.

Susceptible weeds: Amaranthus spp., annual poa, buttercups (seedlings), chickweed, docks (seedlings), fathen, galinsoga, groundsel, hawksbeard, henbit, Matricaria spp. (stinking mayweed and chamomiles), nettles, pennycress, wild portulaca, scotch thistle (seedlings), shepherd's purse, sow thistle, speedwells, spurrey, twin cress, white clover, yarrow (seedlings).

Moderately susceptible weeds: Black nightshade, field pansy, fumitory, hedge mustard, scarlet pimpernel, thorn apple, wireweed.

Not susceptible: Californian thistle, cleavers, corn bind, wild oats, most grasses

Crop	Rate	Notes
Fodder beet,	Pre-emergence:	Pre-emergence:
Sugar	Apply 1.0-4.0 L/ha in 200 - 300L	Apply post sowing but before crop
beet,	water/ha. May be tank mixed	emergence.
Red beet	with ethofumesate 500g ai/L	
	at 2.0 - 3.0 L/ha to improve the	Post-emergence:
	weed spectrum controlled.	Apply at early post emergence when weeds
	Post-emergence:	are small and the crop has fully expanded
	Apply 6.0 L/ha in 200 - 300L	cotyledons but before the second true leaf
	water/ha.	stage.

Note: The maximum application rate of Metafol SC is 6L/ha (4200g ai/ha). Apply no more than one application per calendar year.

EXCLUSION OF LIABILITY: PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

PROPER SHIPPING NAME	HAZARD CLASS	UN No.	HAZCHEM	PACKING GROUP
PESTICIDE, LIQUID, TOXIC, N.O.S. (metamitron 70%)	6.1	2902	2Z	II