

CLAIMS FOR USE

BLOCKADE 'S' effectively controls all chlorinated hydrocarbon, organophosphate and amidine resistant strains of cattle tick (*Boophilus microplus*) including DDT, Mt. Alford, Biarra, Mackay, Ridglands and Ulam strains.

BLOCKADE 'S' should be used at 19–21 day intervals to control cattle ticks (*Boophilus microplus*). Do not leave longer intervals between treatments when ticks are active. For further information contact your local Stock Inspector, Veterinary or Tick Extension Officer.

Dipping in BLOCKADE 'S' may be expected to give protection from buffalo fly (*Haematobia irritans exigua*) infestation for up to 21 days.

BLOCKADE 'S' effectively controls New Zealand bush tick (*Haemaphysalis longicornis*). When bush ticks are active a 14 day dipping interval should be adhered to. BLOCKADE 'S' effectively controls Paralysis Tick (*Ixodes holocyclus*). When Paralysis Ticks are active adhere to a 10 day dipping interval.

BLOCKADE 'S' effectively controls cattle lice (*Linognathus vituli*, *Bovicola bovis*, *Haematopinus eurysternus*). Ensure thorough wetting of each animal. Treat in early Autumn when lice infestations first occur. BLOCKADE 'S' may be used for the control of the above ticks and buffalo fly on Horses, Deer, Goats and Working Dogs.

DIRECTIONS FOR USE:

All efforts should be made to minimise your exposure to chlorfenvinphos, particularly the concentrate.

Plunge dips and spray races

CHARGING	1 part BLOCKADE 'S' to 250 parts of water (1:250) For example: use 4L BLOCKADE 'S' per 1000L water.	
STIRRING	Plunge Dip: Hand stir the dip with a paddle.	Spray Race: Agitate vigorously with pump and manually with paddle. It is essential that the dip/sump is stirred at the commencement of each day's dipping.
TOPPING UP/ REPLENISHMENT	Plunge Dip: When the level of the dip has fallen by 1000 litres topping up should be carried out. Add 1 part BLOCKADE 'S' to 185 parts of water (1:185) and stir the dip as above. For example, use 5.4L BLOCKADE 'S' per 1000L water. It is not advisable to allow the dip volume to fall more than 1000 litres from the original level.	Spray Race: When the sump level has dropped 300L topping up should be carried out. Add 1 part BLOCKADE 'S' to 185 parts of water (1:185) and stir sump as above. For example, use 1.6L BLOCKADE 'S' per 300L water. It is not advisable to allow the sump to fall more than 300L below the original level. When wash is polluted clean out sump before recharging.
MANAGEMENT	It is important that BLOCKADE 'S' be used at the recommended concentration. This will be achieved by charging and topping up as described above. If the level of wash is allowed to fall excessively without topping up, the concentration of BLOCKADE 'S' will fall and its efficiency will be reduced.	

Reinforcement — not recommended.

Hand sprays and non-recirculating spray races CATTLE ONLY:

1 part BLOCKADE 'S' to 250 parts of water. (1:250). For example, use 1L BLOCKADE 'S' per 250L water.

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

WITHHOLDING PERIODS

MEAT: DO NOT USE less than 8 days before slaughter for human consumption.

MILK: DO NOT USE on lactating cows or within 42 days of calving, where milk or milk products may be used for human consumption. DO NOT USE on female goats which are producing or may in the future produce milk or milk products for human consumption.

TRADE ADVICE:

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 21 days before slaughter for export. The ESI on this label was correct at the time of label approval. Before using this product, confirm the current ESI from Coopers Animal Health on 1800 226 511 or the APVMA website (www.apvma.gov.au/residues/ESI.shtml).

SAMPLING

Stir the dip/sump vigorously as described before sampling. Plunge dip: Take the sample from 1 metre below the surface at the jump end as the last animal is passing through the dip. Spray race: Take the sample from below the surface of the remaining wash after the last animal has been dipped and all drainings have returned to the sump. Analysis of dip samples is available through the Biochemistry Branch, Animal Research Institute, Yeerongpilly, Queensland. Suitable sample bottles are available from your local agent or Coopers representative.

For further information contact Coopers Customer Service on 1 800 226 511.

Restraints:

DO NOT mix the dipping solution by using cattle as stirrers.

DO NOT use on lactating cows or within 42 days of calving, where milk or milk products may be used for human consumption.

DO NOT use on female goats which are producing or may in the future produce milk or milk products for human consumption.

Dogs: Use on working dogs only.

PRECAUTIONS

Observe normal safe handling of young stock when dipping, preferably separate them from adult cattle. Dip early in the day and turn animals out as soon as possible into a shady paddock. Avoid holding animals in yards for long periods without water before treatment.

General Dipping Instructions

1. The dip or spray race sump should be accurately measured and the relevant volumes marked on the dip wall or on a dip stick.
2. Dip vats and spray race sumps should be maintained in near full condition and replenished before the level has dropped 1000 litres in the case of plunge dips and 300 litres in the case of spray races.
3. The minimum retreatment interval for BLOCKADE 'S' is 10 days. Do not carry out more than 10 repeat treatments in any one year.

MIXING

Add the required amount of BLOCKADE 'S' directly to the water in the dip or sump, distributing it along the length of the dip or sump. Then stir thoroughly. BLOCKADE 'S' can be used with hard or soft water.

DANGEROUS POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING FOR ANIMAL TREATMENT ONLY

COOPERS®

BLOCKADE 'S'

CATTLE DIP AND SPRAY



ACTIVE CONSTITUENTS:

25 g/L CYPERMETHRIN

138 g/L CHLORFENVINPHOS

(an anticholinesterase compound)

SOLVENT:

486 g/L LIQUID HYDROCARBON

FOR THE CONTROL OF CERTAIN PARASITES ON CATTLE AS INDICATED IN THE CLAIMS FOR USE

20 Litres

COOPERS®
EST. 1843



PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Dangerous to fish. DO NOT use this product in a manner which causes the product or used container to enter streams, rivers or waterways.

PROTECTION OF LIVESTOCK

Dangerous to bees. Do NOT spray on any plants in flower while bees are foraging.

SAFETY DIRECTIONS

DO NOT use this product if it is too hot to wear the recommended Personal Protective Equipment.

Product very dangerous particularly the concentrate. Poisonous if absorbed by skin contact, inhaled or swallowed. Will damage eyes. Will irritate nose, throat and skin. Facial skin contact may cause temporary facial numbness. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening container, preparing dip or spray and pouring large quantities, wear cotton overalls buttoned to the neck and wrist, a washable hat, PVC or rubber apron, elbow-length PVC gloves goggles, impervious footwear and half facepiece respirator. When using prepared dip or spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, PVC or rubber apron, elbow length PVC or nitrile gloves, goggles, impervious footwear and (if excessive splashing or contamination is likely, in addition) wear protective waterproof clothing. If clothing becomes contaminated with product, dip or spray, remove clothing immediately. If product, dip or spray on skin, immediately wash area with soap and water. If product, dip or spray in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, respirator (if rubber wash with detergent and warm water) and contaminated clothing. Use elbow length PVC gloves if handling treated animals, including horses and working dogs, for up to 24 hours after treatment.

FIRST AID

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone 131126) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed

Additional Information is listed in the Material Safety Data Sheet.

Warranty

Intervet Australia Pty Limited (IAPL), known as MSD Animal Health, warrants that this product is of merchantable quality and fit for its intended purpose. IAPL's liability for any loss, including consequential losses or injury caused by any act or omission, including negligent acts or omissions, by IAPL or its agent, is limited to replacing or repairing the product at the option of IAPL. If possible, a sample of any product causing concern should be retained or

delivered to IAPL within 30 days for a scientific examination.

DISPOSAL Triple or (preferably) pressure rinse into the medicated dip. Dispose of rinsate in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Do not dispose of undiluted chemicals on-site.

This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate or any undiluted chemical according to State legislative requirements. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management program site. The cap should not be replaced but may be taken separately.

STORE below 30°C (Room Temperature) in the closed original container, in a well ventilated and as cool as possible separate building or room away from children, animals or fodder.

Store away from foodstuffs. Do not store for prolonged periods in direct sunlight.

APVMA Approval No. 46815/52976

SEE BELOW FOR BATCH/EXPIRY

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COOPERS ANIMAL HEALTH

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UN No. 3018 PESTICIDES, ORGANOPHOSPHORUS, LIQUID, TOXIC, N.O.S. (CONTAINS CHLORFENVINPHOS 13.8%, CYPERMETHRIN 2.5%, LIQUID HYDROCARBONS 48.6%) HAZCHEM CODE: 3WE PACKAGING GROUP: II	
In a transport emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY COOPERS ANIMAL HEALTH (A Division of Intervet Australia Pty Ltd) 1 800 226 511 ALL HOURS – AUSTRALIA WIDE