

**PRODUCT INFO
& DATASHEET**

SICOCYPER 10%

(Cypermethrin 10 EC)

Veterinary insecticide for the control of animal ectoparasites

PRODUCT SPECIFICATIONS

SICOCYPER 10 EC is an emulsifiable concentrate for dilution with water and application by high volume spraying equipment, containing as active ingredient:

Cypermethrin: 10% w/v (100 grams per litre)

RECOMMENDATIONS FOR USE

1) Mode of action:

Non-systemic insecticide with contact and stomach action.

2) Uses:

SICOCYPER 10 EC is effective against flies, lice, mites, ticks and other ectoparasites of cattle, goats, pigs, poultry and sheep. This product is stable, giving effective control for up to 28 days. Being of low toxicity to man, the product is safe in use.

3) Protection of animals:

Mix only with clean water. Prepare a fresh mixture when needed. Do not store diluted insecticide. Suitable for application with all types of surface spraying equipment. Dilute SICOCYPER 10 EC with at least 100 times the volume of clean water and mix well to produce a stable, milky emulsion; apply with a knapsack sprayer or by dipping.

APPLICATION RATES

*** Cattle:**

- To control cattle ticks (eg. *Boophilus microplus*) including all stages of single and multihost ticks mix 150 ml SICOCYPER 10 EC with 100 litres water. Dip animal or spray to wet thoroughly, especially areas where ticks attach. Spraying should require 3 - 5 litres per animal. When dipping submerge animal for 30 seconds minimum to ensure skin saturation. Submerge head completely at least once.
- To control mange (mites) of cattle, mix 75 ml SICOCYPER 10 EC with 50 litres water. Apply by knapsack sprayer 250 ml mixture to each side of adult cattle and 75 ml of mixture to each side of calves. Spray to cover all parts of the animal paying attention to face, back and hind quarters. Commence application at onset of fly season and repeat every 28 days for control of biting flies at 14 day intervals for face fly control. Vary the timing to suit local conditions. SICOCYPER 10 EC is safe to use on lactating dairy animals without the necessity for discarding milk.

*** Goats:**

- To control ticks, mange or nuisance flies on goats, mix 75 ml SICOCYPER 10 EC with 100 litres water and apply by knapsack sprayer to thoroughly wet the animal. General recommendations and precautions as per cattle.

*** Pigs:**

- To control ticks, mange or nuisance flies on pigs, mix 75 ml SICOCYPER 10 EC with 100 litres water and apply by knapsack sprayer to thoroughly wet the animal. General recommendations and precautions as per cattle.

*** Poultry:**

- To control lice and mites on poultry, mix 250 ml SICOCYPER 10 EC with 50 litres water and apply directly to birds and to all surfaces of houses. Repeat every 28 days as necessary. Do not apply to newly hatched chicks.

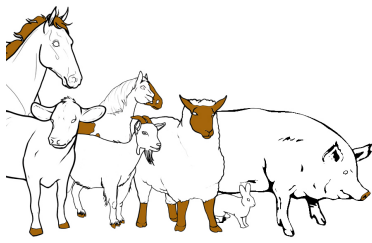
*** Sheep:**

- To control mites and lice on sheep, mix 75 ml SICOCYPER 10 EC with 100 litres water and apply by dipping or by knapsack sprayer. For mites, a single dip should be sufficient, but for heavy infestations, increase strength of mixture to 100 ml per 100 litres water. For lice control, spray application is sufficient.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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*** Animal houses:**

To control nuisance flies in buildings used for animal housing, mix 250 ml SICOCYPER 10 EC with 50 litres water and apply by knapsack sprayer at rate of 1 litre per 10 square metres. Spray all accessible surfaces including walls, ceilings, ventilators and pens. Suitable for use in poultry houses, farrowing houses, dairy parlours and all farm buildings. Take care not to contaminate milk, dairy products or equipment, foodstuffs, seeds, animal feed or drinking water.

*** Special notes:**

Where dips are re-used over a period of time, it is essential to add a bactericide to protect the formulation. A simple application of Copper Sulphate is suitable. The usual recommendation is to dissolve one kilo of Copper Sulphate Crystals in 7 litres of water and then to add 1 litre of this solution per 400 litres of dip. It is most important that the Copper Sulphate Crystals are thoroughly dissolved before addition.

STORAGE HANDLING & PRECAUTIONS

* Storage: Store in original container under cool dry conditions away from children, animals and foodstuffs. Under these conditions expected product life is about 3 years.

*** Handling:**

- When handling concentrate wear rubber or PVC gloves, cotton overalls and rubber boots.
- Wash hands before and after work.
- Do not smoke, eat or drink whilst handling.
- Avoid contact with spray mist.
- Change into clean clothing immediately after work. Overalls etc. should be washed after use (including the insides of gloves).
- Do not contaminate ponds, waterways or ditches with the product or used container as it is highly toxic to fish.
- When spraying livestock buildings, remove exposed milk and collect eggs before application. Cover all exposed water, milk machinery and milk containers to protect from contamination.
- Dispose of empty containers safely by crushing them and burying them in unused ground. Never re-use for food or water.

FIRST AID

Symptoms of poisoning:

Possibility of facial anesthesia and tremors. If poisoning is suspected the person should stop working, rest and seek medical attention. If necessary, remove all contaminated clothing.

Splashes on skin:

Wash off immediately with soap and water, repeat, rinse thoroughly.

Splashes in eyes:

Irrigate eye with clean water for at least 15 minutes. Seek medical aid.

Swallowing:

Provided that the patient is conscious, induce vomiting by tickling of throat or administering a mild emetic, such as salt water.

Phenobarbitol and diphenylhydantoin mixture may be given intravenously. Treat symptomatically.