ANIMAL HEALTH PRODUCTS

to control insect pests on animals and in animal housing
introduction

The protection of livestock from insect pests such as ticks, mites, lice or nuisance flies is an essential factor in the promotion of good animal health, thus contributing to high yields of top quality produce. Hockley International supplies formulated insecticides for direct application to animals or the treatment of their housing. Special products are available for tsetse fly control. We also supply application equipment.

animal housing

protect cattle, sheep, poultry and other livestock by protecting animal housing

Hockley International’s versatile range of products for the treatment of animal housing covers all application techniques and preferred chemical types for the control of nuisance flies in and around buildings used for animal housing.

Suspension concentrates can be applied to give a powerful residual effect and control of crawling and some flying insects; whilst emulsifiable concentrates, ULV’s, or thermal fogging concentrates can be used to quickly control high infestations of insects by space spraying.

our products

Alphamost SC

A water-based suspension concentrate, Alphamost SC contains 100 g/l Alphacypermethrin, a powerful contact and stomach acting insecticide. It can be used to control a wide range of insect pests in milking parlours, animal and avian housing, and general farm buildings, and is also approved for red mite control in poultry.
Alphamost Supa-6

A water-based suspension concentrate, Alphamost Supa-6 contains 60 g/l Alphacypermethrin, a powerful contact and stomach acting insecticide. It can be used to control a wide range of insect pests in milking parlours, animal and avian housing, and general farm buildings.

Alphamost Plus

A water-based suspension concentrate, Alphamost Plus is a unique insecticide for special indoor applications only. It contains 100 g/l Alphacypermethrin, plus the insect pheromone z-9 Tricosene. The presence of the pheromone in the formulation acts to attract flies to the treated surface, where they then pick up a lethal dose of the insecticide.

Hokoex

Hokoex is a ready-to-use granular larvicide containing Cyromazine, a Triazine pesticide, which acts as an insect growth regulator, interfering with the insect growth stages involving moulting and pupation via the disruption of chitin synthesis. As a result the life cycle of the fly is interrupted.

Hokoex can be used to control fly larvae in animal houses, and is particularly used in poultry houses, with product being applied directly on the floor of such houses to control larvae breeding in litter.

Hokoex is a registered trade mark of HokoChemie, marketed in the UK by Hockley International. Please contact us re overseas availability.
**Mostyn DTP15**

Mostyn DTP15 is a ULV concentrate, for dilution with water, kerosene or diesel and can be applied as a space-spray, or as a ULV or thermal fog via ULV and/or thermal fogging machines. The product contains multiple active ingredients, with the active ingredients being responsible for both quick knockdown and insect kill.

The product contains **Tetramethrin, D-Phenothrin and Piperonyl Butoxide**, and can be used to control flying insects in and around farm buildings. Due to the presence of a “knockdown agent”, the product can also be used to control crawling insects, as when applied, crawling insects become active, and pick up a lethal dose of a previously applied residual insecticide.

**Permost Uni**

Permost Uni is a ready-to-use kerosene-based insecticide, giving rapid knockdown and killing of flies. The product contains **Permethrin, Tetramethrin and Piperonyl Butoxide**, and can be used in and around farm buildings, dairies, and in animal and avian housing.

**Permost Dust**

Permost Dust is a ready-to-use insecticide, supplied as a fine dusting powder, containing **0.5 % Permethrin**. This highly effective product can be used for treatment of avian bedding to control red mite.

**Py-Pro Fly Spray**

Hockley Py-Pro Fly Spray is a ready-to-use kerosene-based insecticide, giving rapid knockdown and killing of flies. The product contains **Natural Pyrethrum** and is synergised with **Piperonyl Butoxide**, and gives rapid control of flying insects. It can be used in and around farm buildings, dairies, and in animal and avian housing.

**additional information**

Products can be manufactured and offered as various different formulation types and combination products containing two or more active ingredients can be manufactured to specific requirements.

These formulations can be applied by dusting, spraying, dipping, and via pour-on techniques.
flies, mites and ticks

to control mites, ticks, fleas and nuisance flies on animals

introduction

The protection of livestock from insect pests such as ticks, lice, mites, fleas, and nuisance flies is an essential factor in the promotion and maintenance of good animal health. Hockley International Limited can offer a range of insecticides supplied as formulated products, for direct application to animals, or for treatment of their housing.

our products

Amitraz

The amide insecticide and acaricide Amitraz has a unique mode of action, with a repellent effect causing ticks to rapidly withdraw their mouthparts from and subsequently fall off the host animal. Amitraz based products are particularly effective against *Arachnida, Demodecididae, Siphonoptera, and Trichodectidae* on cattle, goats, sheep, and dogs. Due to its long persistence on the host animal (in hair and wool), Amitraz can control all stages of ecto-parasites. Amitraz can also be effective against strains of ticks that are resistant to other insecticides.

Hockley International Limited can offer Amitraz as a 125 and 250 g/l EC, for use as a spray or dip; or as a 30 g/l Pour-On. The product is marketed in many countries under the trade name MOSTRAZ.
Alphacypermethrin

Alphacypermethrin, a synthetic pyrethroid is effective against flies, lice, mites, ticks and other ecto-parasites as well as nuisance flies. It can be used on cattle, goats, pigs, poultry and sheep, with effective control for up to 28 days of parasites such as *Boophilus microplus* on cattle; and *Psorptes* spp, *Melophagus ovinus*, *Damalinia ovis* and other mites on sheep.

Hockley International Limited can offer Alphacypermethrin as a 50 g/l and 100 g/l EC, for use as a spray or dip; or as a 15 g/l Pour-On.

Cypermethrin

Another synthetic pyrethroid insecticide is Cypermethrin, which like Alphacypermethrin can be used to give effective control (again for up to 28 days) of a wide range of parasites such as *Boophilus microplus* on cattle; and *Psorptes* spp, *Melophagus ovinus*, *Damalinia ovis* and other mites on sheep.

Hockley International Limited can offer Cypermethrin as an EC formulation with concentrations ranging from 100 g/l – 400 g/l, for use as a spray or dip; or as a 30 g/l Pour-On. Products based on a higher cis isomer content (e.g. cis/trans = 80/20) can also be offered.

Deltamethrin

Deltamethrin is a synthetic pyrethroid insecticide, working via a contact and stomach mode of action. It gives highly effective control of lice and flies on cattle, and headfly induced lesions, ticks, lice, keds, and blowfly strike on sheep.

For use on cattle (including dairy cattle producing milk for human consumption), Deltamethrin can give control of both sucking and biting flies including *Damalinia bovis*, *Solenoptes capillatus*, *Linognathus vituli*, and *Haematopinus eurysternus*. It can also be used to control *Haematobia irritans*, *Stomoxys calcitrans*, *Musca* species and *Hydrotaea irritans*.

On sheep, Deltamethrin can be used to control headfly (*Hydrotaea irritans*) induced lesions, ticks (*Ixodes ricinus*), lice and keds, plus established blowfly strike.

Hockley International Limited offer Deltamethrin only as a 10 g/l Pour-On.

For control of *tsetse flies*, we are able to supply this product as an SC.
Permethrin

Permethrin is also a synthetic pyrethroid insecticide, working via a contact and stomach mode of action. It is highly effective against various species of flies, lice, mites, ticks, and other ecto-parasites of cattle, goats, pigs, poultry, and sheep. It can be used specifically to control biting flies such as *Stomoxys calcitrans*, *Musca autumnalis*, and *Haematobia irritans*.

Hockley International Limited can offer Permethrin as an EC formulation, at 100 g/l, 200 g/l and 250 g/l, for use as a spray or dip; or as a 50 g/l Pour-On; and as a 0.5 % Dusting Powder.

Diazinon

Diazinon is an established but powerful organophosphorus insecticide, still used in many countries due to the excellent control it gives of many ecto-parasites. It is particularly effective against lice, mites, and ticks; and can be used to control warble fly in cattle, plus blowfly strike and scab infestations in sheep.

Hockley International Limited can offer Diazinon as an EC formulation at 150 g/l, 250 g/l, and 600 g/l for; and also as a WP formulation at 400 g/kg; with both formulations for dipping or spray application.

additional information

Our flexible manufacturing enables us to supply all products in different strengths and various pack sizes to suit local requirements.
tsetse fly control

specialist products to control tsetse flies by trapping or by treating animals.

Tsetse flies, genus *Glossina* occur only in tropical Africa south of the Sahara. They are blood sucking and the vector spreading trypanosomiasis or "sleeping sickness" which is fatal in humans and animals if untreated.

Female flies lay single larvae deposited to mature in damp places, emerging 20 to 60 days later. Flies tend to rest in forested areas often near to water. They feed on blood preferably on animals and only accidentally on humans. Flies are attracted by large moving objects, blue/black colours and by carbon dioxide emissions from groups of cattle or humans.

Traps and screens are the preferred methods of control. For the treatment or impregnation of trapping nets for Tsetse flies we supply *Deltamethrin 20 SC* a concentrated product for local dilution which contains added Ultra Violet light absorber to protect the insecticide molecule and prolong its residual killing effect.

The other important method of control is to treat animals regularly with a pyrethroid insecticide. Hockley International provides a range of products suitable for application by dipping, spraying or pour-on methods based on the highly active pyrethroids *Alpha-cypermethrin, Cypermethrin* or *Deltamethrin*.
application equipment

introducing, Hockley’s latest range of application equipment.

sprayers

For many export markets hockley is able to supply a range of hand sprayers, knapsack sprayers and motorised sprayers ranging from 2 litre to 20 litre capacity.

Spares are readily available and sprayers can be tested and certified to various International Standards, please ask for our brochure.

ULV and thermal fogging equipment

hockley can also recommend suppliers and give advice on the purchase of other application equipment such as ULV machines and Thermal Fogging machines.

Branding

Both sprayers and cartons can be printed with logos, local address and other details.
hockley international are an independent, privately owned UK based company with 30 years experience in the manufacture, formulation, packing and exporting of pesticides. We supply over 90 countries and enjoy a reputation for competitively priced high quality products and good service.

hockley international offer animal health professionals, tsetse control programmes and professional pest controllers worldwide a versatile range of insecticides and larvicides. Space spray insecticides with quick knock down and kill, residual insecticides for surface spraying, larvicides for flies. Acaricides and insecticides specially formulated for direct application to animals by spray, dip or pour-on.

hockley international holds large stocks of raw materials and this coupled with flexible production allows a rapid response to urgent requirements. Our in house registrations department can assist in designing labels and getting local approval for sale.

hockley international has wide experience in overseas business, tenders and projects for Tsetse fly control and agricultural development. With agents and distributors in many countries we can offer a world wide service.

hockley international making a world of difference in animal health.

Literature and labels

Detailed literature, Material Safety Data Sheets and specimen labels are available upon request for all products mentioned in this leaflet.