

GOLD FLEECE SHEEP DIP

60% Diazinon w/v Concentrate for Dip Solution

DATA SHEET



INDICATIONS

Plunge sheep dip, for the prevention and treatment of:

- Blowfly Strike
- Keds
- Lice
- Scab infestations

BENEFITS

- Short, 35 day meat withdrawal period
- Prevents and treats 4 key ecto-parasites: blowfly strike, keds, lice and scab infestations.



LIST No	UNIT PACKAGE	CASE SIZE
1GOL010	3L	1

See reverse for Administration & Dosage

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ACTIVE SUBSTANCE

Dimpylate (Diazinon Stabilised Technical) 60% w/w.

PHARMACEUTICAL FORM

Concentrate for dip solution. A clear yellow coloured liquid.

TARGET SPECIES

Sheep.

INDICATIONS FOR USE

Sheep: For the prevention and treatment of Blowfly Strike, Keds, Lice and Scab infestations.

WITHDRAWAL PERIOD

Meat and offal: 35 days

Not suitable for use on sheep that are being milked for human consumption.

CONTRAINDICATIONS

Do not use in cases of known hypersensitivity to the active substance.

SPECIAL WARNINGS FOR TARGET SPECIES

Sheep should never be dipped on a full stomach, when the wool is wet, or when they are heated, tired, thirsty, or suffering from wounds or open sores. Choose a cool dry day and dip early in the morning. Rest sheep 2 or 3 hours before dipping. Rams and fat sheep should be assisted through the bath and lambs dipped separately from the ewes. Care should be taken to ensure that the sheep do not swallow or inhale any wash.

As this is an organophosphorus sheep dip, an interval of at least 14 days should elapse between dipping and dosing with any drench, etc. containing levamisole or an organophosphorus compound.

SPECIAL PRECAUTIONS FOR USE IN ANIMALS

Harmful to poultry. Keep birds away from the product and the prepared bath.

ADVERSE REACTIONS

Post dipping lameness may occur when the sheep are dipped in dirty wash, or wash which has been allowed to stand in the bath overnight or longer. It is important that the dip bath should be emptied and thoroughly cleaned at the end of each day's dipping or earlier if it becomes very dirty during the day's dipping.

USE DURING PREGNANCY OR LACTATION

If dipping pregnant sheep is essential they should be gently lowered into the bath and assisted out.

MAJOR INCOMPATIBILITIES

Not to be mixed with any other dip. Incompatible with copper sulphate and its solutions.

PHARMACODYNAMIC PROPERTIES

Diazinon is an organophosphorus compound. It is effective against a wide range of insects. Organophosphorus insecticides are both contact and stomach poisons. They act by combining with the neutralising cholinesterase at the nerve ganglion of the insect. Cholinesterase's remove acetylcholine. Two types of this enzyme are recognised, the first, true acetylcholinesterase, is largely specific in its action and is found mainly in erythrocytes, in muscles and in the nervous system. The second, pseudocholinesterase, a non-specific enzyme capable of hydrolysing a wide variety of esters, occurs in plasma and the nervous system. Some organophosphorus compounds inhibit one of these enzymes more than the other but few are entirely specific. Owing to their liquid solubility, they are rapidly absorbed. Used as a sheep dip at a concentration of 0.025%, Diazinon is active locally in the skin and wool.

SPECIAL PRECAUTIONS TO BE TAKEN BY THE PERSON ADMINISTERING THE VETERINARY MEDICINAL PRODUCT TO ANIMALS

For animal treatment only. For external use only. Keep children well away from dipping operations. Minimise operator contamination by good dipping facility design - e.g. fit splash boards where operators stand. Ensure that those using dips are competent to do so. Diazinon is an organophosphorus compound. Do not use if under medical advice not to work with such compounds. If you have breathing problems, or if you have felt persistently unwell after using a product containing an organophosphorus compound, you should consult your doctor before working with the product. Use only in a dip bath that is well designed and hazard free.

Make sure that everyone has the recommended protective clothing and insist that they wear it. Ensure you have spare protective clothing available in case any items become damaged.

The recommended protective clothing is: Face shield (when handling dip concentrate), bib apron (over boiler suit) or waterproof coat (PVC or nitrile), gloves (Non-lined or flock-lined, PVC or nitrile, heavy duty gauntlet style - 0.5 mm thick and at least 300 mm long), waterproof leggings/trousers (PVC or nitrile to be worn outside your boots), wellington boots.

Do not use concentrate in an enclosed area and avoid breathing the vapour. Dipping should be carried out in a well-ventilated area, preferably outdoors.

Before leaving the work area wash and remove protective clothing and do not smoke, drink, eat or use the toilet during dipping operations.

Always wash hands, face and exposed skin immediately after leaving the work area.

Protective clothing should be washed each day after dipping operations to prevent build-up of chemicals in the material. Wash dispensing kit and dipping equipment in accordance with the instructions. Check and replace any worn or damaged items of protective clothing.

Immediately wash off sheep dip, particularly dip concentrate, if it gets on your skin or in your eyes. Immediately remove heavily contaminated clothes and wash contaminated areas of skin. Wash or destroy heavily contaminated clothes immediately. If you feel unwell after using this product consult your doctor and show your doctor this data sheet and the product insert. Treat any cases of heavy contamination as an emergency. You should go straight to hospital after removing contaminated clothing, and rinse with plenty of water areas of skin which came into contact with sheep dip.

If sheep dip has been swallowed go straight to hospital and take this data sheet and the product insert with you.

MEDICAL ADVICE

The symptoms of mild poisoning from organophosphorus compounds are a feeling of exhaustion and weakness which may be accompanied by cramp-like abdominal pains, diarrhoea, excessive sweating, constricted pupils and salivation up to 24 hours after exposure. Severe poisoning causes generalised muscle twitching and convulsions. Doctors can obtain advice on clinical management from the National Poisons Information Service, Beaumont Hospital, Dublin.

HANDLING SHEEP IN THE WEEKS FOLLOWING DIPPING

It is good practice not to shear sheep in the 3 months after dipping. Handle sheep as little as possible after dipping as dip residues remain on the sheep for some weeks. If you need to handle sheep, wear coveralls and wellington boots. If the sheep are wet, also wear waterproof trousers and coat. Always wash hands with soap and water after handling sheep or fleece, and before eating, drinking and smoking.

THE DISPENSING KIT

The dip concentrate container is fitted with a sealed closure incorporating a male inlet Quick Acting Shut-Off coupling (QASC), a female outlet QASC and a draw tube that extends from beneath the outlet QASC to the marked corner of the container. When the container is fitted correctly into the dispensing kit, the tilt mechanism allows withdrawal of the maximum amount of dip concentrate from the container. The dip concentrate in the container must be dispensed directly into the dip tank only by using the Gold Fleece Sheep Dispensing Kit.

TAKE TIME



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Follow the instructions provided with the dispensing kit for fitting it onto the container and for dispensing the dip concentrate safely.

A re-usable dispensing kit must be purchased in order to use Gold Fleece Sheep dip (available from your Gold Fleece supplier). Each kit must contain the following: 1x dispensing gun with tubing and 2x connectors (1x male and 1x female) attached, 1x dispensing base-plate plus 1x dispensing tube with 1x female connector attached and 1x rinsing tube with 1x male connector and 1x non-return valve attached, 1x laminated card, bearing instructions for the correct use of the dispensing kit. The product must be dispensed only by use of this kit, in accordance with the instructions on the dispensing kit laminated instruction card. If part-used containers of the product are to be kept for future use, the dispensing kit must be removed, washed and stored as per the instructions, and the original cap must be replaced securely on the product container. The dispensing kit must not be used for any other purpose. This kit is re-usable. It should be washed and stored as directed on the instruction card.

DISPENSING DIP PRODUCT

Preparation for dipping.

Place the dip concentrate container into the cage on the base-plate so that the coloured corner of the container label is aligned with the coloured corner of the base-plate. This will tilt the container to allow withdrawal of the maximum amount of dip concentrate. Place the dispensing base-plate on level ground at the edge of the dip tank and feed the dispensing hose through the hole in the base-plate so that the hose hangs down into the dip tank. Where splash-boards are fitted the base-plate should be sited so that the dispensing hose is fed through an existing gap in the barrier. For extra security the base-plate can be attached to a solid object near to the edge of the dip tank using twine or wire threaded to a solid object through the cage at the rear of the base plate.

Initial fill of dip concentrate into dip bath

Connect gun inlet hose to container outlet valve and connect gun outlet to dispensing hose. Carefully pump the trigger of the gun until the gun reservoir and outlet tubes are full of product. Then dispense the required number of 60 ml volumes of dip concentrate for initial charging of the dip tank (see container label for details). The dispensing gun is fixed to deliver 60 ml only and is sealed for safety reasons. It must not be disassembled. When filling the gun reservoir, to ensure accuracy, it is important to wait until the plunger has returned completely before dispensing the dip concentrate. It is recommended that the operator keeps a tally of the number of volumes dispensed. After every ten x 60 ml dispensing's, using a dry gloved finger, press down on the top of container inlet valve for

a few seconds. This is to allow air to enter the container to relieve any negative pressure.

Replenishment of dip bath with the product

Replenishment with one 60 ml delivery of concentrate treats 12 sheep.

Baths less than 2250 litres (500 gallons) must be replenished after every 36 sheep dipped (3 x 60 ml deliveries from the dispensing gun) and the bath must be filled with water to its original level.

Baths of 2250 litres (500 gallons) or more must be replenished after every 96 sheep dipped (8 x 60 ml deliveries from the dispensing gun) and the bath must be filled with water to its original level.

Approaching the end of the days dipping

When replenishing the dip bath for the final time, carry out the first 1 x 60 ml delivery for a bath less than 2250 litres (or the first 6 x 60 ml deliveries for a bath greater than 2250 litres) and allow the gun to refill by releasing the trigger. Then disconnect gun inlet hose from container outlet valve and connect gun inlet hose to hose ensuring that the non-return valve on the end of the hose is secured to the clip on the carrying handle.

Now pump the gun two more times and the final 120 ml of dip concentrate will be delivered into the dip bath. Replace transit cap onto the part used container. Now follow instructions on how to wash and store the dispensing kit.

To change containers during dipping

If a container is emptied during dipping disconnect gun inlet hose from empty container outlet valve. Immediately re-connect to a new container and carefully pump the trigger of the gun until the reservoir is full. When disconnected, do not try to operate the delivery gun until the correct connections have been made. Store the empty container safely until the end of the day's dipping. Do not rinse empty containers until the end of the day's dipping. This is to avoid the possibility of the introduction of water into part-filled dip concentrate containers. Even very small amounts of water can affect the long-term stability of the dip concentrate.

WASHING/CLEANING GUN RESERVOIR, HOSE AND EMPTY CONTAINERS

At the end of the day's dipping you must wash all empty containers to remove residual dip concentrate prior to disposal. The washings must be disposed of into the dip tank. Place the empty dip concentrate container into the cage on the base-plate so that the coloured corner of the container label is aligned with the coloured corner of the base-plate exactly.

To wash out the product container when it is empty

Disconnect the gun outlet hose from the

dispensing hose. Disconnect the gun outlet hose to the container inlet valve and connect gun inlet hose to hose. Then immerse in the non-return valve in a bucket containing at least 5 litres of clean water. Pump 3 x 60 ml (180 ml) of water into the container and shake the container to rinse it of any remaining dip concentrate.

To empty the product container of rinse water

Disconnect the gun outlet hose from the container inlet valve. Connect the gun outlet hose to the dispensing hose. Disconnect the gun inlet hose from the hose. Connect the gun inlet hose to the container outlet valve. Pump the gun repeatedly to remove all of the rinsing's from the container and the dip-tank.

Repeat the rinsing and emptying processes two more times to ensure that the product container is empty of all traces of product before disposing of the container.

To wash out gun reservoir and hose

Having rinsed the empty containers, or at the end of a day's dipping when no dip container has been emptied, you must then rinse out the gun reservoir and hose to maintain it in working order. Before following the washing procedure, if a part-filled container remains you must remove it from the cage and store it safely with the cap replaced. If not already in place, connect gun inlet hose to hose. Ensure that gun outlet hose is connected to dispensing hose. Then immerse the non-return valve in a bucket containing at least 5 litres of clean water. Pump at least 10 x 60 ml through the gun and the tubing into the dip tank to ensure that the gun reservoir and hosepipes are clear of dip concentrate.

To clear out gun reservoir and hose of water

Remove the non-return valve from the water and secure it in clip on the kit handle. Pump the dispensing gun until the gun reservoir and hose are completely clear of water. Disconnect gun outlet hose from dispensing hose and gun inlet hose from hose. Rinse the outside of the dispensing hose and valves and by immersing in a bucket of clean water, then agitate and rinse all valves. Dispose of the rinse water in the dip tank. Rise valves and by spraying with water so that the rinsing's drain into the dip-tank, taking care to avoid splashing yourself or others. Repeat this process two more times.

Store the dispensing kit in the original carton, in a dry place below 25°C

Connect gun outlet hose to dispensing hose and connect gun inlet hose to hose. Then secure the non-return valve in clip on the kit handle.

This allows the air to dry the gun reservoir and hose system. A part-used container can be stored (with its cap replaced) in the base-plate cage.

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Disposal

The dispensing kit has been shown in tests to withstand 5 years of simulated use. If you do need to dispose of the kit, rinse the gun and hoses thoroughly as discussed above. Dispose of the dispensing kit in accordance with guidance from your local waste regulation authority.

AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE

To prepare the bath:

Measure the required volume of cold soft water into the bath. Fit the Dispensing kit to the dual valved lid of the container. Dispense the required amount of product into the dip tank via the dispensing kit in the proportion of 600 ml Gold Fleece to 900 Litres (200 gallons) of water (i.e. dispense 10 x 60 ml amounts of dip concentrate into the dip tank). Stir the bath thoroughly from end to end before commencing dipping and dip on the day the dip is prepared.

To replenish the bath:

Mix the dip concentrate into the water after the initial fill and after each replenishment by stirring thoroughly with a metal rod, preferably with a paddle attachment. Avoid using wooden dunking poles as these may absorb dip and result in prolonged exposure after dipping.

- Baths of less than 2250 litres (500 gallons)
 - o Add 180 ml of dip after every 36 sheep dipped and restore the bath with water to its original volume (i.e. dispense 3 x 60 ml amounts of dip concentrate into the dip tank). When a bath becomes foul, however, always empty it and refill with fresh dip.
- Baths of 2250 litres (500 gallons) or more
 - o Add 480 ml of dip after every 96 sheep dipped and sufficient water to restore the bath to its original volume (i.e. dispense 8 x 60 ml amounts of dip concentrate into the dip tank). When a bath becomes foul, however, always empty it and refill with fresh dip.

Sheep must be totally immersed in a sheep bath and all parts of the sheep except the head and ears must remain immersed for not less than one minute. Keep the sheep moving in the bath and plunge its head under at least twice. Never hold the head down or the sheep will be liable to swallow or inhale some of the wash. It is important that the dip bath should be emptied and thoroughly cleaned at the end of each day's dipping or earlier if it becomes very dirty during

the day's dipping. Do not dip more than one sheep for each 2 litres of dip-wash prepared before emptying and preparing fresh dip-wash. Dispose of all wash remaining at the end of day's dipping.

OVERDOSE

Care should be taken not to overdose. Overdosing may invalidate the stated meat withholding times.

SHELF-LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 2 years.

SPECIAL PRECAUTIONS FOR STORAGE

Do not store above 25°C. Store in original container, tightly closed, in a safe place.

Special precautions for the disposal of unused veterinary medicinal products or waste materials derived from the use of such products

Do not contaminate water including ponds, ditches, ground and surface waters. It is an offence to permit any poisonous, noxious or polluting matter to enter any river, stream or watercourse. Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

Empty containers should not be re-used for any other purpose. Rinse the empty container three times as directed in the washing instructions provided for the dispensing kit and dispose of all rinsings in the dip tank. Because the container is a closed sealed system, it must be punctured before crushing. Dispose of containers by approved means. Store well away from children, food, animals and animal-foodstuffs.

Only buy sufficient product for your immediate needs. Do not dispose of the dip concentrate on the farm. Any unwanted product should be disposed of by a reputable specialist waste disposal contractor.

If you have a suitable area of land the spent dip wash may be disposed of by applying no more than 5,000 litres/hectare (450 gallons/acre). Dilution of 1 part dip by 3 parts or more of water or slurry may be necessary to achieve this application rate if using equipment such as a slurry tanker. Alternatively, the spent dip wash should be disposed of by a reputable waste contractor.

PROTECTION OF THE ENVIRONMENT

Dangerous to fish and other aquatic life. Harmful to game, wild and domestic birds and mammals. Store in original container, tightly closed, in a safe place under lock and key. Keep in a store designed for the storage of approved pesticides.

Do not contaminate water including ponds, ditches, ground and surface waters. It is an offence to permit any poisonous, noxious or polluting matter to enter any river, stream or watercourse.

Only buy sufficient product for your immediate needs. Do not dispose of the dip concentrate on the farm. Any unwanted product should be disposed of by a reputable specialist waste disposal contractor.

Empty containers should not be re-used for any other purpose. Rinse at least three times and use the washings to top up the dip bath. Crush or puncture to prevent re-use. Keep empty containers out of reach of children, animal foodstuffs and food.

Fisheries Acts 1959 to 1980 and Local Government (Water Pollution) Act, 1977. As this preparation is extremely dangerous to fish and stream life, care should be taken to prevent any of it entering rivers and streams and users are warned that it is an offence to permit the entry or discharge into any water of any deleterious matter liable to render the water poisonous or injurious to fish, spawning grounds or the food of any fish.

LEGAL CATEGORY

LM

Licensed Merchant as defined in relevant national legislation

MARKETING AUTHORISATION NUMBER

VPA 22033/023/001

MARKETING AUTHORISATION HOLDER

Bimeda Animal Health Limited

2, 3 & 4 Airton Close, Airton Road

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A full product SPC is available on request from Bimeda or alternatively can be found on the HPRA website.

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