

POISON

**KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING
FOR ANIMAL TREATMENT ONLY**

COOPERS[®]
ASSASSIN[®]

SHEEP DIP



**ACTIVE CONSTITUENT: 350 g/L TEMEPHOS
(AN ANTICHOLINESTERASE COMPOUND)
Solvent: 492 g/L Liquid Hydrocarbons**

**For the control of temephos-susceptible Body Lice
(*Bovicola ovis*) (including synthetic pyrethroid resistant
strains) on wet or dry short wool sheep by Plunge or
Shower Dipping.**

5 L

READ DIRECTIONS FOR USE BEFORE OPENING OR USING THIS PRODUCT

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COOPERS[®]
EST. 1843 

COOPERS[®] ASSASSIN[®]

SHEEP DIP

CLAIMS

For the control of temephos susceptible Body lice (*Bovicola ovis*), including synthetic pyrethroid resistant strains, on wet or dry short wool sheep (14-42 days after shearing) by plunge or shower dipping.

DIRECTIONS FOR USE (IN ALL STATES)

Restraints

DO NOT plunge or shower dip sheep more than 6 weeks after shearing.

DO NOT dip sheep within 2 weeks after shearing.

DO NOT USE on ewes which are producing or may in the future produce milk that may be used or processed for human consumption.

Contraindications

Ewes heavy in lamb should not be dipped.

Precautions

RE-HANDLING INTERVAL: DO NOT RE-HANDLE SHEEP UNTIL DRY AFTER TREATMENT.

Dipping sheep heavily infested with grass seed is not recommended.

For effective control of lice, thorough wetting to skin level is essential.

Animal/Pest	Treatment Method	Initial Charge ¹	Topping Up (when dip/sump level falls by no more than 25%) ²
Short Wool Sheep (14-42 days after shearing) Body Lice (<i>Bovicola ovis</i>)	Plunge Dip	100 mL/100 L of water	100 mL product per 100 L of fresh water required.
	Critical comments: When dipping out (when the level of dip wash is intended to fall by more than 25%): (i) Ensure that the sheep can still swim in the remaining dip wash and can have their head dunked. (ii) Add 25 mL of product each time the dip level falls by 100 L.		
	Shower Dip	100 mL/100 L of water	100 mL product per 100 L of fresh water required.
	Critical comments: When dipping out (when the level of dip wash is intended to fall by more than 25%): (i) DO NOT dip out beyond 50% of the original volume. (ii) Add 25 mL of product each time the dip level falls by 100 L.		
	Continuous Replenishment (Shower and Plunge Dips)	100 mL/100 L of water	Not required.

(1) Filling the reservoir with fresh water and adding ASSASSIN Sheep Dip as directed.

(2) Adding water plus ASSASSIN Sheep Dip to make up for volume lost in dipping.

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 14 days before slaughter for human consumption.

MILK: DO NOT USE on ewes which are producing or may in the future produce milk that may be used or processed for human consumption.

WOOL HARVEST INTERVAL: DO NOT USE less than 6 months before shearing or fibre collection.

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 42 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 web site (www.apvma.gov.au/residues).

Use of this product may result in wool residues that may not comply with European Union environmental quality standards.

Wool treated with this product may contain detectable residues; adequate treatment records should be kept and made available, if requested by wool buyers.

General directions

Yard sheep the night before dipping. Ensure adequate water is available. Preferably dip early in the morning and allow sheep to dry before nightfall.

Dip Maintenance (plunge and shower)

Clean out sump when excessively fouled; as a guideline this should be when one sheep has been dipped for every 2 L of original sump volume.

Mixing

This product can be used in any type of water. Softening agents are not necessary. The concentrate should be pre-mixed before adding to the dip. Use 10 L of water for each 1 L of product and mix thoroughly in a bucket. Pour the premix into the dip and stir thoroughly. Handle and mix in a well-ventilated place. Mix sufficient for immediate use only.

Management

It is important that this product be used at the recommended concentration. For dipping this will be achieved by charging and topping up as described. If the level of wash is allowed to fall excessively without topping up, the concentration of the dip will fall and its efficiency will be reduced.

Topping Up

If not using a continuous replenishment system, top up the dip each time the volume drops by **not more** than 25%. It is important to observe the directions given for topping up to maintain an effective dip concentration.

The sump in a constant replenishment system must be maintained at the maximum possible level.

Dipping Out

Plunge dips should be dipped out and discarded when they become excessively fouled.

Shower dips should also be dipped out when they become fouled and at the end of each day's dipping.

Post-dipping lameness

During the dipping period it is important to clean out the dip thoroughly before use and avoid leaving it standing in a foul condition for more than a day in mild or warm weather.

If this is unavoidable it is wise to add a disinfectant e.g. 'Hibitane' Disinfectant' at 2 L to 1000 L of dip wash, immediately dipping is finished for the day.

Dipping Management: The sheep should be thoroughly wetted. Sheep lice live on the skin of the sheep and complete saturation of the fleece is necessary. In a plunge dip the minimum dip length should be 9 m and each sheep should swim for at least 30 seconds and have its head plunged under twice. Shower dips should be checked prior to commencement of dipping to ensure that pump and nozzles are operating at the correct pressure and volumes as stipulated by the manufacturer. The use of a Buzacott shower dip fitted with single slot nozzles is recommended. Sunbeam shower dips are not recommended. Sheep should remain in the shower dip for a minimum of 12 minutes with the top shower on only to ensure thorough fleece wetting to the skin. Nozzle pressure should be more than 230 kPa and the pump should be capable of delivering this pressure (18 Litres/second for a Buzacott 60R and 12 Litres/second for a Buzacott 30R). The arm rotation should be set at 5 revolutions/minute.

Inspect the first few loads of showered sheep to ensure they are thoroughly wetted and if necessary extend showering time. Good management practice indicates that wet sheep should not be yarded for dipping, but, in the case of unexpected rain falling just prior to, during, or soon after dipping, the efficacy of ASSASSIN Sheep Dip will not be affected.


Dipping of Lambs: When dipping lambs extra care should be exercised. Further details on general dipping management can be found in 'COOPERS LICE ADVICE' literature.

For further information contact Coopers Customer Service on 1800 226 511.

SAFETY DIRECTIONS: Will damage the eyes. May irritate the nose and throat and skin. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale vapour. When opening the container and preparing dip, wear cotton overalls buttoned to the neck and wrist and a washable hat, PVC or rubber apron, elbow-length PVC gloves, goggles and water-resistant footwear. When using the prepared dip, wear protective waterproof clothing, a waterproof hat, elbow-length PVC gloves and water-resistant footwear. If clothing becomes contaminated with product or dip or wet with 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, face shield or goggles and contaminated clothing.

FIRST AID: If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre, Phone Australia 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 USER SAFETY INFORMATION: Re-handling Interval: After treatment, wait until sheep are dry before rehandling. Additional information is listed in the safety data sheet.

	<p>UN No. 3018 ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, N.O.S. (35.0% TEMEPHOS, 49% LIQUID HYDROCARBON) Hazchem Code: 2X Packaging Group: III</p>
	<p>In a transport emergency Dial 000 Police or Fire Brigade</p>
	<p>SPECIALIST ADVICE IN EMERGENCY ONLY COOPERS ANIMAL HEALTH Intervet Australia Pty Limited (trading as MSD Animal Health) 1800 226 511 – AUSTRALIA WIDE</p>



ENVIRONMENTAL PROTECTION: Harmful to fish, crustaceans, insects and birds. Do not contaminate dams, waterways or drains with this product or the used container. Drippings of product onto soil from treated sheep should not be allowed to run-off or seep into any river, stream or ground water. Wash out container thoroughly and add rinse to mixture in use. Do not discharge waste liquid into streams. Store and apply away from food, drink, domestic items and animals.

Disposal of Used Dip

Dispose of used dip solution and sludge over an area of dedicated and bunded flat land, away from watercourses and any drainage areas etc. that could contaminate watercourses, and restrict access to humans and stock for a period of at least 3 months.

DISPOSAL: 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.

STORAGE: Store below 30°C (room temperature) in the closed original container in a dry well-ventilated area. Do not store for prolonged periods in direct sunlight.

Warranty: Intervet Australia Pty Limited (IAPL), trading 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.

SEE BELOW FOR BATCH AND EXPIRY

COOPERS ANIMAL HEALTH

Intervet Australia Pty Limited

(trading as MSD Animal Health)

91-105 Harpin Street,

Bendigo East VIC 3550

Phone: 1800 226 511

APVMA Approval No.: 47568/0614

® Registered trademark

® Yellow (PANTONE® 123) the predominant colour of

Coopers packaging is a registered trademark.

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