

WHAM

SHEEP DIP



DIRECTIONS FOR USE

READ DIRECTIONS FOR USE BEFORE OPENING OR USING THIS PRODUCT
DIRECTIONS FOR USE (IN ALL STATES)

Restraints
DO NOT USE in sheep which are producing or may in the future produce milk where the milk or milk products may be used for human consumption.
DO NOT plunge or shower dip sheep more than 6 weeks after shearing. DO NOT dip within 2 weeks after shearing.
Yard sheep the night before dipping. Ensure adequate water is available.
Preferably dip early in the morning and allow sheep to dry before nightfall.

DOSAGE AND ADMINISTRATION
Dipping sheep heavily infested with grass seed is not recommended. For effective control of lice, thorough wetting to skin level is essential.

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 10L of water for each 1L 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.

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	100mL/100L of water	100mL product per 100L of fresh water required.
	Shower Dip	100mL/100L of water	100mL product per 100L of fresh water required.
	Continuous Replenishment (Shower and Plunge Dips)	100mL/100L of water	Not recommended.

(1) Filling the reservoir with fresh water and adding WHAM as directed.
(2) Adding water plus WHAM to make up for volume lost in dipping.

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 9m 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 230kPa and the pump should be capable of delivering this pressure (18Litres/second for a Buzacott 60R and 12Litres/second for a Buzacott 30R). The arm rotation should be set at 5 revolutions/minute. Inspect the first 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 WHAM will not be affected.

DIPPING OF LAMBS

When dipping lambs extra care should be exercised.

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

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.

GENERAL INSTRUCTIONS
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 2L of original sump volume.

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 2L to 1000L of dip wash, immediately dipping is finished for the day.

WITHHOLDING PERIODS
MEAT: DO NOT USE less than 14 days before slaughter for human consumption.
WOOL HARVEST INTERVAL: DO NOT USE less than 6 months before shearing or fibre collection. For short wool application only.

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 the manufacturer on 1300 255 347 or the APVMA website (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.

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING FOR ANIMAL TREATMENT ONLY

WHAM

SHEEP DIP

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



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

READ DIRECTIONS FOR USE BEFORE OPENING OR USING THIS PRODUCT



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SHEEP DIP



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 or spray 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 (for portable/fixed plunge dipping or shower dipping), wear protective waterproof clothing, elbow-length PVC gloves and water resistant footwear. If clothing becomes contaminated with product, premix 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 and contaminated clothing.

FIRST AID

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 131 126) 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

Additional information is listed in the Safety Data Sheet.

SHEEP RE-HANDLING INTERVAL: After treatment wait until sheep are dry before rehandling.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

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

Triple rinse container before disposal. Dispose of rinseate or any undiluted chemical according to State legislative requirements. If not recycling, break, crush

or puncture and deliver packaging to an approved waste management facility. DO NOT burn empty containers or product.

Disposal of Used Dip
Dispose of used dip solution and sludge over an area of dedicated and banded 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.

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.

CONDITIONS OF SALE
The use of this product is beyond the control of Nutrien Ag Solutions Limited. Any provisions or rights under the Australian Consumer Law which cannot be excluded by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies expressed or implied under common law, statute or otherwise, in relation to the sale, supply, storage, use or application of this product are excluded. Nutrien Ag Solutions Limited does not accept any liability (including consequential loss and/or negligence) for any loss or damage connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

APVMA Approval No: 63311/0614

Batch Number:

Date of Manufacture:

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Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: May be fatal if swallowed and enters airways; If swallowed Do Not induce vomiting; Store locked up.



UN3018
ORGANOPHOSPHORUS PESTICIDE, LIQUID,
TOXIC (TEMEPHOS)
HAZCHEM CODE: 2X
PACKING GROUP: III
TOXIC DIAMOND 6.1

In a transport emergency
DIAL 000
Police or Fire Brigade

For Specialist Advice
1800 033 111
24 HOURS Australia wide

20L

dalgetyah.nutrien.com.au

606 mm

ROLL DIRECTION FIG 5. →

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