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

COOPERS®
BLOWFLY AND LICE
JETTING FLUID

ACTIVE CONSTITUENT: 16g/L IVERMECTIN
For the treatment of, and protection against, blowfly strike on sheep for up to 12 weeks under low to moderate fly pressure and treatment of biting lice by jetting in long woolled sheep.

DILUTE BEFORE USE

5 Litres
READ DIRECTIONS FOR USE BEFORE USING THIS PRODUCT
SAFETY DIRECTIONS
Poisonous if swallowed. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. When preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length gloves. Wash hands after use.

FIRST AID
If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone 131126).
Additional information is listed in the material safety data sheet.

Warranty
Schering-Plough Pty Ltd (SPPL) warrants that this product is of merchantable quality and fit for its intended purpose. SPPL’s liability for any loss, including consequential losses or injury caused by any act or omission, including negligent acts or omissions, by SPPL or its agent is limited to replacing or repairing the product at the option of SPPL. If possible, a sample of any product causing concern should be retained or delivered to SPPL within 30 days for a scientific examination.

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.

COOPERS ANIMAL HEALTH
A division of Schering-Plough Pty Ltd
11 Gibbon Road, Baulkham Hills NSW 2153

STORAGE:
Store below 30°C (Room Temperature) in the closed, original container. Store bottle in carton to protect from light.
It should be noted the effectiveness of various races differ and testing has not been performed on all types of JETTING FLUID mixes with waters of various hardness. Use either a jetting handpiece with multiple nozzles mixed with water in a container of known volume. Testing has confirmed that COOPERS BLOWFLY AND LICE use table below for instructions.

COOPERS BLOWFLY AND LICE JETTING FLUID requires dilution with water prior to use as a jetting fluid. See the JETTING handpiece is diluted with water. Treatment of lice works best with a pump preferably fitted with a pressure gauge and capable of maintaining at least 550kPa (80psi) during jetting. Run the pump for 10 minutes to ensure thorough mixing of the jetting wash before use. Pressures of about 630kPa (90psi) should be used for sheep with long wool. For lambs, the pressure should be reduced to 280-350kPa (40-50psi). NOTE: Check the sheep to ensure wetting to skin level after jetting.

If the sheep need to be handled for other management procedures, it is recommended that use of COOPERS BLOWFLY AND LICE JETTING FLUID which will redissolve on dilution and will not affect the efficacy or safety of the product.

For further information contact Coopers Customer Service on 1 800 226 511.

Hand DRESSING OF STRUCK SHEEP:

When applied as directed by hand-jetting, COOPERS BLOWFLY and LICE JETTING FLUID will have a wide safety margin in sheep and may be used in breeding animals. When applied as directed COOPERS BLOWFLY AND LICE JETTING FLUID is not damage flying blowflies. Ensure equipment is thoroughly clean prior to use. COOPERS BLOWFLY and LICE JETTING FLUID should be mixed with water in a container of known volume. Testing has confirmed that COOPERS BLOWFLY AND LICE JETTING FLUID mixes with water of various hardness. Use either a jetting handpiece with multiple nozzles mixed with water. A jetting handpiece should deliver a penetrating jet of fluid without producing a spray or mist. A modified Harrington jetting race can also be used. It should be noted the effectiveness of various races differ and testing has not been performed on all types of races available.

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

Animal/Pest Treatment Rate Critical Comments

Sheep/Blowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora vomica) Jettng: Prevention of blowfly strike

Jetting: Treating existing flystrike

Use at least 2.5 L diluted jetting fluid per head. COOPERS BLOWFLY AND LICE JETTING FLUID will control maggots in existing stikes in treated areas.

Sheep/Lice (Blowfly Strike) Hand Jetting: Treatment of lice in long wool.

Hand Jetting: Treatment of lice in short wool.

Use 0.5 L of diluted jetting fluid per head. To control biting lice in long woolled sheep, the fleece and skin must be thoroughly wet to skin level from poll to tail in a backband about 25cm wide. Wool and skin on the sides of the neck and in front of the shoulders should also be wet to skin level. Jetting races are not suitable for the treatment of lice infections.

Sheep/Blowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora vomica) NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
This product is a concentrate for use in sheep of all ages. It is NOT to be used undiluted. The 16 g/l ivermectin concentrate is diluted 1:500 and applied by hand jetting for the treatment of, and protection against, sheep blowfly strike and by hand jetting for long-wool treatment.

INDICATIONS:

JETTING FOR BLOWFLY STRIKE: When applied as directed by hand-jetting or by modified Harrington jetting races, the product protects sheep against blowfly strike (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora rovecia) (including OP resistant strains of Lucilia cuprina for 12 weeks under low to moderate fly pressure and will control maggots in existing strikes in the treated areas.

HAND DRESSING OF STRUCK SHEEP: This product can be applied at the blowfly dilution rate for treatment of blowfly strike wounds. Sheep should be sheared/shaved/dipped around the strike wound before saturating the area.

HAND JETTING FOR LICE: When applied as directed by hand-jetting this product also treats biting lice (Boviciola ovina), including synthetic pyrethroid resistant strains in long wooled sheep until the next shearing.

DIRECTIONS FOR USE:

DO NOT use in plunge or shower dips.
DO NOT collect and re-use fluid which runs off.
DO NOT use jetting races that recycle fluid.
(Blowfly Strike) When used on sheep with less than 6 weeks wool a reduced period of protection may result.
(Sheep Lice) After shearing, sheep should be re-treated with an effective off-shears or short-wool product.

Precautions:

It is recommended that clean water (dam/tank) be used for dilution. Use of treated municipal supply water is not recommended if the diluted product is going to be stored.

JETTING COOPERS BLOWFLY AND LICE JETTING FLUID requires dilution with water prior to use as a jetting fluid. See the mixing instructions below for instructions.

Mixing Instructions

COOPERS BLOWFLY AND LICE JETTING FLUID requires dilution with water prior to use as a jetting fluid. See the mixing instructions below for instructions.

Hand Jetting:

Jetting: Treating existing flystrike
Jet immediately prior to expected blowfly waves. Wool must be thoroughly saturated to skin level along the backline and breech. The pizzle area of wethers and the poll, particularly in horned sheep must also be treated.
Use at least 2.5L diluted jetting fluid per head.

Hand Dressing: Treating existing strikes.
Saturate struck area thoroughly Wool must be saturated to skin level.
Use 0.5L of diluted jetting fluid per head.

Sheep/Lice (Boviciola ovina)

Hand Jetting: Treatment of lice in long wool.
Jetting: Treatment of lice in long wool.
Jet immediately prior to expected blowfly waves. Wool must be thoroughly saturated to skin level along the backline and breech. The pizzle area of wethers and the poll, particularly in horned sheep must also be treated.
Use at least 2.5L diluted jetting fluid per head.

Animal/Strain Treatment Rate Critical Comments
Sheep/Blowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora rovecia) Jetting: Prevention of blowfly strike
200mL/100L Dilute 200mL of concentrate in 100L of water.
Use at least 2.5L diluted jetting fluid per head.

Trade Advice

COOPERS BLOWFLY AND LICE JETTING FLUID has a wide safety margin in sheep and may be used in breeding animals. When applied as directed COOPERS BLOWFLY AND LICE JETTING FLUID will not damage flystrike.
Season, weather conditions, sheep type, wool length and condition, soiling with faeces and urine and any concurrent skin or fleece diseases such as, fleece rot, mycotic dermatitis and other infections or wounds will influence the susceptibility of sheep to flystrike. Thorough wetting of those sites most attractive to flies is the most effective way to prevent blowfly strike. Hand jetting is recommended to ensure adequate wetting. Jetting races have varying ability to saturate the fleece so the duration of protection may be shorter than with hand jetting. Jetting races or other jetting systems which recycle the jetting fluid should not be used to apply COOPERS BLOWFLY AND LICE JETTING FLUID. When applied as directed by hand jetting, exposure to moderate rainfall does not have any adverse affect on the efficacy of COOPERS BLOWFLY AND LICE JETTING FLUID.

For further information contact Coopers Customer Service on 1800 226 511.
This product is a concentrate for use in sheep of all ages. DO NOT use to be undiluted. The 16 g/L ivermectin concentrate is diluted 1:500 and applied by jetting for the treatment of, and protection against, sheep blowfly strike and by hand jetting for long-wool lice treatment.

INDICATIONS:

JETTING FOR BLOWFLY STRIKE: When applied as directed by hand-jetting or by modified Harrington jetting races, this product protects sheep against strike by blowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora vicina) (including OP resistant strains of Lucilia cuprina for 12 weeks under low to moderate fly pressure and will control maggots in existing strikes in the treated areas.

HAND DRESSING OF STRUCK SHEEP: This product can be applied by the blowfly dilution rate for treatment of blowfly strike wounds. Sheep should be sheared and clipped around the strike wound before saturation the area.

HAND JETTING FOR LICE: When applied as directed by hand-jetting this product also treats biting lice (Ricinus ovina), including synthetic pyrethroid resistant strains in long wooled sheep until the next shearing.

DIRECTIONS FOR USE:

DO NOT use in plunge or shower dips.
DO NOT collect and re-use fluid which runs off.
DO NOT use jetting races that recycle fluid.
(Blowfly Strike) When used on sheep with less than 6 weeks wool a reduced period of protection may result.
(Sheep Lice) After sheep, sheep should be treated with an effective off-shafts or short-wool product.

Precautions

It is recommended that clean water (dam/tank) be used for dilution. Use of treated municipal supply is NOT recommended if the diluted product is going to be stored.

JETTING

COOPERS BLOWFLY AND LICE JETTING FLUID requires dilution with water prior to use as a jetting fluid. See the use table below for instructions.

MIXING INSTRUCTIONS

Ensure equipment is thoroughly clean prior to use. COOPERS BLOWFLY AND LICE JETTING FLUID should be mixed with water in a container of known volume. Testing has confirmed that COOPERS BLOWFLY AND LICE JETTING FLUID mixes with water of various hardness. Use either a jetting hosepipe with a 0.5L/minute nozzle, which can be combined through the fleece or a “Dujet” jetting wand. The jetting hosepipe should deliver a penetrating jet of fluid without producing a spray or mist. A modified Harrington jetting race can also be used.

It should be noted that the effectiveness of various races differ and testing has not been performed on all types of races available.

WARNING PERIODS:

MEAT: DO NOT use less than 7 days before slaughter for human consumption.
MILK: DO NOT use in lactating sheep or within 28 days of lambing where milk or milk products may be used for human consumption.
WOOL HARVESTING INTERVAL: DO NOT use less than 6 weeks before shearing or fibre collection.
WOOL RE-HANDLING PERIOD – NIL

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT slaughters for export for 7 days after treatment. General Instructions

USE DILUTED JETTING FLUID WITHIN 28 DAYS OF DILUTION.

Use a jetting pump preferably fitted with a pressure gauge and capable of maintaining at least 550kPa (80psi) pressure. Run the pump to ensure thorough mixing of the jetting wash before use. Pressures of about 630kPa (90psi) should be used for sheep with long wool. For lambs, the pressure should be reduced to 280-350kPa (40-50psi). NOTE: Check the sheep to ensure wetting to skin level after jetting. Efficacy may be reduced if sheep are not treated as directed.

When used as directed by jetting, COOPERS BLOWFLY AND LICE JETTING FLUID has a wide safety margin in sheep and may be used in breeding animals. When applied as directed COOPERS BLOWFLY AND LICE JETTING FLUID will not damage fleeces.

Season, weather conditions, sheep type, wool length and condition, soiling with faeces and urine and any concurrent skin or fleece diseases such as, fleece rot, mycotic dermatitis and other infections or wounds will influence the susceptibility of sheep to flystrike. Thorough wetting of all sites most attractive to flies is the most effective way to prevent blowfly strike. Hand jetting is recommended to ensure adequate wetting. Jetting races have varying ability to saturate the fleece so the duration of protection may be shorter than with hand jetting. Jetting races or other jetting equipment which recycles the jetting fluid should not be used to apply COOPERS BLOWFLY AND LICE JETTING FLUID.

When applied as directed by hand jetting, exposure to moderate rainfall does not have any adverse affect on the efficacy of COOPERS BLOWFLY AND LICE JETTING FLUID.

If the sheep need to be handled for other management procedures, it is recommended that use of COOPERS BLOWFLY AND LICE JETTING FLUID is the final activity carried out.

NOTE: Storage at low temperatures (+4°C) may result in the formation of small crystals in COOPERS BLOWFLY AND LICE JETTING FLUID which will redissolve on dilution and will not affect the efficacy or safety of the product.

For technical contact Coopers Customer Service on 1 800 226 511.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT CONTAMINATE DAMS, RIVERS OR STREAMS.
While Ivermectin readily soaks in soil and degrades over time, it is toxic to aquatic organisms and insects. Any diluted product, or empty product containers should not be allowed to contaminate water bodies such as creeks, ponds, dams and streams.

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<table>
<thead>
<tr>
<th>Animal/ Pest</th>
<th>Treatment</th>
<th>Rate</th>
<th>Critical Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep/BLowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora vicina)</td>
<td>Hand Jetting: Treatment of lice in long wool.</td>
<td>200mL/100L of concentrate in 100L of water.</td>
<td>Use at least 0.5L diluted jetting fluid per head.</td>
</tr>
<tr>
<td>Sheep/Lice (Ricinus ovina)</td>
<td>Hand Jetting: Treatment of lice in long wool.</td>
<td>200mL/100L of concentrate in 100L of water.</td>
<td>Saturate struck area thoroughly. Wool must be saturated to skin level.</td>
</tr>
<tr>
<td>Sheep/Blowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora vicina)</td>
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