Asuntol® Liquid

For the control of external parasites on sheep, cattle, pigs, horses and dogs.

For use in plunge and shower dips by jetting or as a hand spray.

160 g/L coumaphos

(1) (5) (20) litre

Registered pursuant to the ACVM Act 1997, No. A1042
See www.foodsafety.govt.nz for registration conditions.

Bayer New Zealand Ltd,
3 Argus Place, Hillcrest, Auckland

Registered Trademark of Bayer AG, Germany
WARNING:
This material may be dangerous if swallowed, inhaled or absorbed through the skin.

PRECAUTIONS:
Keep out of reach of children.
Do not drink, eat or smoke when using the product.

Use complete protective equipment as specified below:

Wear full protective clothing such as impervious gloves (disposable nitrile safety gloves), waterproof hat, coat and trousers (worn outside rubber boots), safety goggles and appropriate respiratory protection while handling concentrate, mixing, loading and spraying the solution.

In case of accidental spillage onto the skin wash with water and soap.
In case of accidental spillage into the eyes wash with plenty of water.
After treatment take off wet clothes, wash hands and skin thoroughly with soap and water
Avoid breathing vapors or spray mist.

Use the product in a well ventilated area or in a well ventilated space within the stable.
Avoid direct contact of the product and the prepared emulsion with the skin, eyes and clothing.

Do not spray against the wind.
Do not spray in the presence of unprotected persons.
This product is toxic for aquatic organisms, birds and bees. It may cause long-term adverse effects in the aquatic environment.

When changing the liquid of the dip or spray tank, avoid contaminating rivers, reservoirs, water courses, dams and other sources of water. Obtain a supply of atropine from the chemist and keep it handy when using.

SYMPTOMS OF POISONING:
Any of these may occur within 2-8 hours of exposure to the dip: excessive sweating, nausea, giddiness, headache, weakness, vomiting, contracted pupils, blurred vision, salivation.

FIRST AID TREATMENT
If swallowed, splashed on skin or in eyes, or inhaled, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor immediately.
Remove any contaminated clothing and wash skin thoroughly. If swallowed do NOT induce vomiting, activated charcoal may be advised.

SPILLAGE
Wear appropriate protective clothing. Block drains if possible. Use absorbent material such as sand or inert absorbent granules to prevent the spread of spillage. Sweep up contaminated material and place in drums for disposal in
accordance with Toxic Substances legislation and in a manner acceptable to the local authorities.
DIRECTIONS FOR USE

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

MIXING
Pour the required amount of Asuntol into a measured amount of clean water. Stir thoroughly while adding, to obtain an even mix (white in colour). When preparing large volumes it is advisable to first prepare a pre-mix by adding the required Asuntol to a small volume of water.

DOGS
Use 10 mls of Asuntol in 6 litres of water. Wet dogs thoroughly and spray kennels, bedding and adjacent areas (particularly under kennels) to prevent reinfestation. As a precaution do not treat bitches in late pregnancy.

HORSES
Use 30 mls Asuntol in 18 litres of water for saturation spraying or washing. Horses heavily infested with lice may require a second treatment after two weeks.

PIGS
For the treatment of sarcoptic mange, use 60 mls of Asuntol in 10 litres of water. Thoroughly spray the entire animal, paying particular attention to the inside of the ears. Treat 2 or 3 times at 8-14 day intervals. For complete control all in contact pigs should be treated.

CATTLE
For the treatment of cattle tick and control of lice.
Hand spraying and continuous replenishment showers: 160 mls of Asuntol in 100 litres of water.
Spray-rite hoops: 320 mls of Asuntol in 100 litres of water.
Frequency of treatment: For heavy infestations of cattle lice, apply two sprays 16-19 days apart. For cattle tick, the frequency of application is determined by the uptake of ticks from pasture. Weekly or fortnightly treatments may be required until the tick population is under control.

SHEEP
For the control of lice and keds and prevention of flystrike the recommended dilution rates of Asuntol Liquid are:-

<table>
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<tr>
<th>Plunge Dips</th>
<th>Full Strength for Lice, Ked, Cattle Tick and Flystrike Control</th>
<th>Economy Strength for Lice Ked and Short Term Flystrike Control</th>
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<tbody>
<tr>
<td>Initial Mixture</td>
<td>160 mls / 100 litres water</td>
<td>110 mls / 100 litres water</td>
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<tr>
<td>Replenishment (Maintenance)</td>
<td>230 mls / 100 litres water</td>
<td>160 mls / 100 litres of water</td>
</tr>
<tr>
<td>Constant Replenishment Showers</td>
<td>230 mls / 100 litres water</td>
<td>160 mls / 100 litres water</td>
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<tr>
<td>Mixture for sump and replenishment tank</td>
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PLUNGE AND SHOWER DIPPING:
1. Prepare sheep by dagging and leaving them to empty overnight before dipping. Don’t dip sheep in a shower or plunge until 2 weeks after shearing to allow cuts to heal.
2. Ensure that equipment is clean and fully operational. Run shower dips for 10 minutes prior to use.
3. Calibrate volume of dip sumps and replenishment tanks and record e.g. by painting onto tanks.
4. Dilute recommended volume of Asuntol (use an accurate measuring jug) in clean water only. Water containing a lot of particulate matter e.g. clay will affect the efficacy of all chemicals.
5. During dipping
   (i) Ensure that all sheep are saturated to skin depth all over the body. This will take at least 30 seconds and up to 1 minute in plunge dips. In shower dips 4-5 minutes is the minimum time necessary for crossbred sheep with six weeks wool growth. Use a timer, having checked the time necessary for the first two pens of sheep on each days dipping.
   (ii) Clean dirt traps regularly and keep draining times to a minimum.
   (iii) Stop dipping and completely drain and clean the sump or bath when one sheep has been dipped for every two litres of sump or bath volume. This is regardless of any replenishment which may have occurred.
6. Best results are obtained when sheep are dipped 4-6 weeks after shearing.
   Long woolled sheep are impossible to saturate in shower dips particularly.

BACTERIOSTATS
Dispose of dirty dipwash i.e. the sump contents at the end of each days dipping. If this is impractical e.g. in the case of large plunge dips add a bacteriostat immediately at the end of each days dipping. If any dip wash remains unused in a replenishment tank add a bacteriostat to it immediately at the end of the days dipping. It can then be kept for up to 7 days before adding further bacteriostat.
Dispose of all dipwash after 14 days.
Dipwash made up with unclean water may require bacteriostat to be added at the time of preparation in replenishment tanks.

WITHHOLDING PERIOD
*It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.*

Animals producing meat and offal for human consumption must not be sold for slaughter during or within 7 days of the last treatment. This product must not be used on lactating dairy cattle or within 7 days of the commencement of lactation.
STORAGE
Store in original container, tightly closed, away from foodstuffs and under lock and key.

DISPOSAL
Preferably dispose of product by use. Otherwise dispose of product and packaging at an approved landfill/facility. Triple rinse empty container. Recycle empty rinsed container at an approved recycling centre. Otherwise puncture or crush empty container and dispose of at an approved landfill/facility. Do not use container for any other purpose.

WOOL RESIDUE WARNING
Ensure that where possible the time between dipping of sheep and subsequent shearing is at least 2 months for all products other than those used for spot treatment of flystrike. For advice on your dipping programme contact your supplier.

UN 3018
ORGANOPHOSPHOROUS PESTICIDE, LIQUID, TOXIC, N.O.S.
(16% coumaphos / solvesso 200 solution)
Packing Group III HAZCHEM CODE 2WE

IN A TRANSPORT EMERGENCY
DIAL 111
POLICE OR FIRE BRIGADE