



BOVATEC®

INDICATIONS FOR USE IN CATTLE:

- For improved feed efficiency and increased rate of weight gain when used in medicated feeds for cattle fed in confinement for slaughter
- For increased rate of weight gain when used in medicated feeds for pasture cattle (slaughter, stocker, feeder cattle, and dairy and beef replacement heifers)
- Control of coccidiosis caused by *Eimeria bovis* and *E. zuernii* in cattle up to 800 pounds

PRODUCT DESCRIPTION:

- Type A Medicated Article
- Ionophore containing 150 g or 90.7 g of lasalocid sodium per pound of premix
- For use in the manufacture of medicated feeds

FDA STATUS:

- Category I drug
- Does not require a feedmill license for manufacture of medicated feeds
- See 21 CFR 558.311 for free choice formula

WITHDRAWAL PERIOD:

- 0-day withdrawal

EXPIRATION PERIOD:

- 24-36 months from the date of manufacture (package indicates expiration date)

PACKAGING:

- 50-pound, multiwall paper bag with protective barrier ply (BOVATEC® 91, 150 FP), or 50-pound (7-gallon) plastic pails (BOVATEC Liquid 20)

STORAGE:




- Bovatec 91 and 150 FP: Store below 25°C (77°F), excursions permitted to 37°C (99°F). Bovatec Liquid 20: Store below 25°C (77°F), excursions permitted to 40°C (104°F). Keep package closed to avoid contamination.

KEY POINTS:

- Increases rate of weight gain and feed efficiency
- Effectively controls coccidiosis
- Approved for increased gains in pasture and increased gains and feed efficiency in feedlot cattle. Effective in a wide range of diets.
- No step up required, full dose does not negatively impact feed intake.
- Wide range of free choice approvals (blocks, minerals and liquids)
- Approved for use in combination with MGA® + Tylan® or MGA alone for feedlot heifers
- BOVATEC Liquid 20 is the only liquid ionophore available
- Approved for use in combination with AUREOMYCIN®, which provides broad-spectrum health benefits
- **CAUTION STATEMENT:** Feeding undiluted or mixing errors resulting in excessive concentrations of lasalocid could be fatal to cattle and sheep. Do not allow horses or other equines access to Type A articles or Type B feeds containing lasalocid as ingestion may be fatal.

* Combination use with AUREOMYCIN requires a VFD. See reverse side for complete use directions for Bovatec 91, product claims, and additional information on this product.

Lasalocid Type A Medicated Article

Active drug ingredient	Each pound contains 90.7 grams (20%) of lasalocid (as lasalocid sodium activity) in a carrier suitable for incorporation in feed.																																																																																								
Important	Handling information - Must be thoroughly mixed in feeds before use. When mixing and handling lasalocid Type A medicated articles, use protective clothing, impervious gloves and a dust mask. Avoid contact with eyes. Operators should wash hands thoroughly with soap and water after handling.																																																																																								
Mixing directions	This product should be further diluted in an intermediate blending step prior to mixing in the final feed. Do not feed undiluted.																																																																																								
	<p>1. Complete Feed</p> <p>a. Intermediate blending: Mix 1 part of Bovatec 91 (Type A Medicated Article) with 17 parts of finely ground non-medicated feedstuffs to provide an intermediate preblend containing 5 grams of lasalocid per pound.</p> <p>b. Using the 5 g/lb intermediate preblend, the following table would apply to the manufacture of complete feeds:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Intended lasalocid concentration in the complete feed</th> <th colspan="2">Add the following amounts of 5 grams per pound intermediate preblend per ton of complete feed mixed:</th> </tr> <tr> <th>grams/ton</th> <th>mg/lb</th> <th>lbs/ton</th> <th></th> </tr> </thead> <tbody> <tr> <td>10</td> <td>5</td> <td>2</td> <td></td> </tr> <tr> <td>15</td> <td>7.5</td> <td>3</td> <td></td> </tr> <tr> <td>30*</td> <td>15</td> <td>6</td> <td></td> </tr> </tbody> </table> <p>* Maximum approved concentration for complete feeds for feedlot cattle and sheep in confinement</p> <p>c. Using the 5 g/lb intermediate preblend, the following table would apply to the manufacture of other complete feeds and supplements that do not require further mixing:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Daily feeding rate</th> <th>Desired daily lasalocid intake</th> <th>Add the following amounts of 5 grams per pound intermediate preblend per ton of feed or supplement mixed:</th> <th>Lasalocid will be present in the feed or supplement at the following concentration:</th> </tr> <tr> <th>lbs/head/day</th> <th>mg/head/day</th> <th>lbs/ton</th> <th>grams/ton</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td>60</td> <td>24</td> <td>120</td> </tr> <tr> <td>200</td> <td>80</td> <td>400</td> </tr> <tr> <td>300</td> <td>120</td> <td>600</td> </tr> <tr> <td rowspan="3">2</td> <td>60</td> <td>12</td> <td>60</td> </tr> <tr> <td>200</td> <td>40</td> <td>200</td> </tr> <tr> <td>300</td> <td>60</td> <td>300</td> </tr> <tr> <td rowspan="3">3</td> <td>60</td> <td>8</td> <td>40</td> </tr> <tr> <td>200</td> <td>26.7</td> <td>133.5</td> </tr> <tr> <td>300</td> <td>40</td> <td>200</td> </tr> </tbody> </table> <p>2. Dry Supplement</p> <p>a. Intermediate blending: Mix 1 part Bovatec 91 Type A Medicated Article with 3.5 parts of finely ground non-medicated feedstuffs to provide an intermediate preblend containing 20 grams of lasalocid per pound. For example, mix one 50 lb bag of Bovatec 91 Type A Medicated Article with 175 lbs of non-medicated feedstuffs.</p> <p>b. Using the 20 g/lb intermediate preblend, the following table would apply to the manufacture of dry supplements:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Intended lasalocid concentration in the supplement</th> <th colspan="2">Add the following amounts of 20 grams per pound intermediate preblend per ton of supplement mixed:</th> </tr> <tr> <th>grams/ton</th> <th>mg/lb</th> <th>lbs/ton</th> <th></th> </tr> </thead> <tbody> <tr> <td>400</td> <td>200</td> <td>20</td> <td></td> </tr> <tr> <td>600</td> <td>300</td> <td>30</td> <td></td> </tr> <tr> <td>1000</td> <td>500</td> <td>50</td> <td></td> </tr> <tr> <td>1440</td> <td>720</td> <td>72</td> <td></td> </tr> <tr> <td>1600</td> <td>800</td> <td>80</td> <td></td> </tr> </tbody> </table> <p>c. Thoroughly mix supplement with sufficient non-medicated feedstuffs in accordance with the feeding rates listed in the use directions below.</p> <p>3. Liquid Supplement Intended for Addition to Dry Feeds</p> <p>a. Supplements with suspending agent(s) should be in a pH range of 4-8 and maintain physical stability for up to three months with a viscosity not less than 300 cps.</p> <p>b. Conventional liquid supplements should be in a pH range of 4-8.</p> <p>For liquid feeds stored in recirculating tank systems: Recirculate immediately prior to use for no less than 10 minutes, moving not less than 1 percent of the tank contents per minute from the bottom of the tank to the top. Recirculate daily as described even when not used.</p> <p>For liquid feeds stored in mechanical, air, or other agitation-type tank systems: Agitate immediately prior to use for not less than 10 minutes, creating a turbulence at the bottom of the tank that is visible at the top. Agitate daily as described even when not used.</p>			Intended lasalocid concentration in the complete feed		Add the following amounts of 5 grams per pound intermediate preblend per ton of complete feed mixed:		grams/ton	mg/lb	lbs/ton		10	5	2		15	7.5	3		30*	15	6		Daily feeding rate	Desired daily lasalocid intake	Add the following amounts of 5 grams per pound intermediate preblend per ton of feed or supplement mixed:	Lasalocid will be present in the feed or supplement at the following concentration:	lbs/head/day	mg/head/day	lbs/ton	grams/ton	1	60	24	120	200	80	400	300	120	600	2	60	12	60	200	40	200	300	60	300	3	60	8	40	200	26.7	133.5	300	40	200	Intended lasalocid concentration in the supplement		Add the following amounts of 20 grams per pound intermediate preblend per ton of supplement mixed:		grams/ton	mg/lb	lbs/ton		400	200	20		600	300	30		1000	500	50		1440	720	72		1600	800	80	
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	Feedlot Cattle	10-30 grams lasalocid per ton of total ration (90% dry matter) 25-30 grams lasalocid per ton of total ration (90% dry matter)	For improved feed efficiency in cattle being fed in confinement for slaughter, feed continuously to provide not less than 100 mg nor more than 360 mg per head per day. For improved feed efficiency and increased rate of weight gain in cattle being fed in confinement for slaughter, feed continuously to provide not less than 250 mg nor more than 360 mg per head per day.																																																																																						
	Pasture Cattle – slaughter, stocker, feeder cattle, and dairy and beef replacement heifers	60-300 mg lasalocid per head/day 60-300 mg lasalocid per head/day	For increased rate of weight gain. The drug must be contained in at least 1 pound of feed and fed continuously on a daily basis. For increased rate of weight gain, feed continuously on a free-choice basis. A medicated feed mill license is required when free-choice feed is manufactured using a proprietary formula and/or specifications. Free-choice feed formulations must be FDA-approved. Daily lasalocid intakes in excess of 200 mg per head per day have not been shown to be more effective than 200 mg lasalocid per head per day. NOTE: Coccidiosis may occur when young pasture cattle are co-mingled with adult cattle passing coccidial oocysts.																																																																																						
	Cattle	1 mg lasalocid per 2.2 lbs body weight/day	For control of coccidiosis caused by <i>Eimeria bovis</i> and <i>E. zuernii</i> in cattle up to 800 lbs. Hand feed continuously to provide not more than 360 mg per day.																																																																																						
	Sheep	20-30 grams lasalocid per ton of total ration (90% dry matter)	For prevention of coccidiosis caused by <i>Eimeria ovina</i> , <i>E. crandallii</i> , <i>E. ovinoidalis</i> (<i>E. ninakohlyakimovae</i>), <i>E. parva</i> , and <i>E. intricata</i> in sheep maintained in confinement. Feed continuously to provide not less than 15 mg nor more than 70 mg per head per day depending on body weight.																																																																																						
	Rabbits	113 grams lasalocid per ton of total ration	For prevention of coccidiosis caused by <i>Eimeria stiedae</i> . Feed as the sole ration for up to 6½ weeks of age.																																																																																						
Caution	Animal Safety - Feeding undiluted or mixing errors may result in an excess lasalocid concentration which could be fatal to cattle and sheep. Do not allow horses or other equines access to Type A articles or Type B feeds containing lasalocid as ingestion may be fatal. Safety of lasalocid for use in unapproved species has not been established.																																																																																								
Warning	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.																																																																																								
	Store below 25°C (77°F), excursions permitted to 37°C (99°F). Restricted drug (California) - Use only as directed. Not for human use. NADA 96-238, Approved by FDA.																																																																																								
	 Distributed by: Zoetis Inc. Kalamazoo, MI 49007	 0 18217 12067 1 5	 Observe Label Directions Made in USA																																																																																						
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