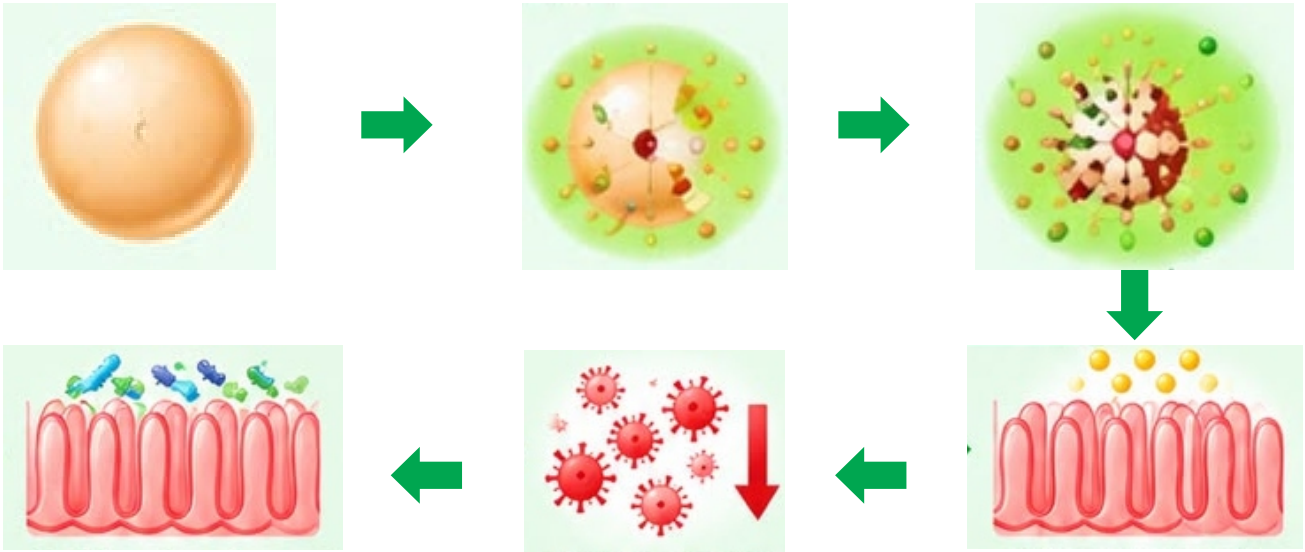
AVITASA

NUTRACEUTICAL EFFICIENCY

AVIMAX SR50

(COATED DUTYRIC ACID)



AVIMAX SR50 BENEFITS

- Supports Gut Health
- Enhances Feed Efficiency
- Higher Productivity
- Supports Beneficial Microbiota
- Improves Nutrient Absorption
- Improves Flock Health
- Strengthens Gut Barrier
- Boosts Immunity

AVIMAX SR50

INTESTINAL HEALTH PROMOTER + ANTIMICROBIAL AGENT

AVITASA

NUTRACEUTICAL EFFICIENCY



Product data sheet

AVIMAX

AVIMAX SR50

DESCRIPTION:

Acidifier based in deodorizated sodium butyrate, coated with a high bioavailability and for a more comfortable use on adding to feed, which drives it to a direct effect in the intestine.

USE:

Product to be used exclusively in animal feeding.

PHYSICAL ASPECT:

Micro – pearled, white, free flowing product.

COMPOSITION:

- Sodium butyrate
- Hydrogenated palm oil

CARACTHERISTICS:

- Formula: C4 H7 O2 Na
- Active ingredient: 50 % of active ingr., (in dry).
- Hydrogenated palm oil 35%
- Loss on drying, max 5 % max.
- Density: 700 grs /l, aproximately
- pH (solution at 10 %): 8 a 10

SELFLIFE:

Two year as from manufacturing date.

STORAGE:

Store in a fresh, dry, protected from light place. Keep closed after each use.

RECOMMENDED DOSAGE:

SPECIES	PERIOD	RECOMMENDED DOSAGE
BROILERS	From 0 to 10 days of life	0,5 - 1 Kg/ mt
	More than 10 days of life	0,25 - 0,5 Kg/ mt
TURKEYS	From 0 to 10 days of life	0,75 – 1,5 Kg/ mt
	More than 10 days of life	0,5 - 1 Kg/ mt
LAYERS	From 0 to 15 days of life	0,5 - 1 Kg/ mt
	+ 15 days of life	0,25 – 0,5 Kg/ mt
	+35 weeks of life	0,75-1,5 Kg/mt
RABBITS	FIRST AGES	1 - 2 Kg/ mt
	FATTENING	1 - 2 Kg/ mt
BOVINE/OVINE		1 - 2 Kg/ mt
AQUACULTURE	FIRST AGES	0,5 - 1 Kg/ mt
	FATTENING	0,75-1,5 Kg / mt



www.avitasa.com

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AVIMAX SR50

SODIUM BUTYRATE

Livestock supports an intensive rearing today that reaches almost 100% of their genetic potential, a level unthinkable a few years ago, that needs extremely accurate labor and especially, nutrition.

Butyric acid is a natural by-product of fiber fermentation in the digestive tract of all animal species.

The use of butyrate in the correct way and presentation are of great help to the development and correct work of the digestive system at pre-starter period and give the gut the maximum size of the intestinal villi to increase their micro biota and assimilation of nutrients.

INTEREST:

Any application of butyrate has clear effects, but in lots where Butyrate is fed from the first days of life, an increase on the daily intake, daily growth and feed conversion rate is achieved. At birth, animals dont have build their own micro biota, and Butyrate accounts for 80% of the nutritional requirements of the same.

The use of butyrate lets to regulate and promote the regeneration of the micro biota. Butyrate is recommended in any situation that may affect the balance of gastrointestinal flora, antibiotic treatment, transportation, heat stress, ...



PROPERTIES AND EFFECTS OF SODIUM BUTYRATE:

- ✔ **Stimulates** appetite.
- ✔ In young animals **accelerates** the formation and development of the digestive system.
- ✔ In young animals increases daily consumption and growth, and improves feed conversion rates.
- ✔ **Inhibits** pathologic bacterial growth and keeps healthy digestive tract and get optimal nutrient assimilation.
- ✔ In the intestine is the immediate energy source for intestinal epithelial cells. It means immediate energy for enterocytes. Butyric acid provides 5.930 kcal / kg.
- ✔ **Increases epithelial regeneration** and the size of intestinal microvilli, also increases the absorptive surface and therefore its performance.
- ✔ Stimulates the regeneration of micro biota after antibiotic treatment if any.
- ✔ Bigger development of gastrointestinal cells which allows for absorption of nutrients and produces a growth-promoting effect.
- ✔ Stimulates water, sodium and calcium absorption.

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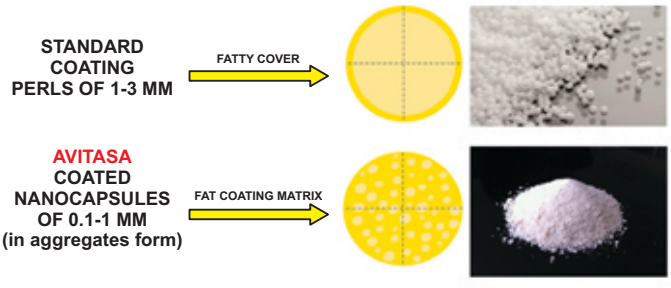
AVIMAX SR50

MULTICOATING TECHNOLOGY (3rd GENERATION)

- From 2008, AVITASA uses its own technology to coat ingredients (25 nm. level) to confere an slow release effect, ensuring a batch homogenity.
- **Nano-particle size**
  Regular distribution and optimum mixing of the ingredients, increasing its stability against external agents.
- **Nano-particle**
  Area Improves bioavailability to react in the microbiota.
- **Nano-encapsulation**
  The fatty matrix slowly releases the active ingredient due to pancreatic lipase action.
- **AVITASA technique:**
  High effect at low dosage.
- AVIMAX SR50: High stability against pelletizing processes.

STANDARD COATING vs AVITASA COATING

(PARTICLE SIZE AND APPEARANCE DIFFERENCES)





PACKAGING:



25 Kg bags

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