

NEOXIN

Intrauterine tablets antibiotics

COMPOSITION

Each tablet contains:

Oxytetracycline hydrochloride 500 mg

Neomycin sulfate 350 mg

ACTIONS

Oxytetracycline is a broad-spectrum antibiotic. It is effective against numerous microorganisms, such as staphylococci, bacillus, micrococci, haemophilus, protozoa, etc. The mechanism of oxytetracycline action is based on protein synthesis inhibition in microorganism cells.

Neomycin is aminoglycoside antibiotic, primarily effective against gram-negative microorganisms. It is also effective against E. coli, enterobacteria, klebsiella, salmonella, shigella and proteus species. Its antimicrobial effect is based on binding to 30S ribosomal subunit in the microbial cell and protein synthesis inhibition.

A combination of two preparations contained in Neoxin ensures broad spectrum of actions and high efficacy.

INDICATIONS

Treatment and prevention of puerperal genital organ infections in cows and swine (difficult deliveries, embryotomy, birth canal injuries, retention of placenta, endometritis) caused by microorganisms susceptible to neomycin and oxytetracycline.

APPLICATION AND POSOLOGY

Neoxin is applied intrauterinely once a day.

The dose depends on severity of infection:

Cows: 1-3 tablets

Swine: 1-2 tablets

The treatment lasts until cure, i.e., minimum 3 days.

CONTRAINDICATIONS

Hypersensitivity to neomycin and oxytetracycline.

ADVERSE EFFECTS

Unknown.

WITHHOLDING PERIOD

For meat 7 days, for milk 2 days after the last drug application.

NOTE

The preparation should not be applied in animals suffering from puerperal hypocalcemia. Protective gloves must be worn during drug application.

STORAGE

Below 25°C, protected from moist.

AVAILABILITY

Prescription only.

SHELF LIFE

2 years.

PRESENTATION

A box with 10 strips with 3 tablets in each.

VEZEMYCIN D

Oral powder Antibiotic

COMPOSITION

each g powder contains:

Oxytetracycline hydrochloride 55 mg
Benzethonium chloride 55 mg

ACTIONS

Oxytetracycline is a broad antimicrobial spectrum antibiotic. It has bacteriostatic effects against numerous gram-positive and gram-negative bacteria, mycoplasmas, chlamydia, rickettsia and some protozoa.

Bacteriostatic effect of oxytetracycline is based on protein synthesis inhibition.

Benzethonium is effective against gram-positive and gram-negative bacteria, having no effects on the spores, viruses and organisms causing tuberculosis.

INDICATIONS

The drug is intended for treatment of numerous primary and secondary infections, primarily respiratory and digestive tract infections as well as stress resulting from different factors and other infections caused by bacteria susceptible to oxytetracycline in poultry.

APPLICATION AND POSOLOGY

The preparation is applied in drinking water or admixed in feed in the following daily doses: 8 g per 10 L water or 8 g per 5 kg feed.

In drinking water: 20 g powder per 5 L water, which is equivalent to oxytetracycline dose of 22 mg/kg body mass. The quantity of the aqueous solution is sufficient for 50 birds with average body mass of 1 kg.

In feed: 10 kg drug per 1 t feed, which is equivalent to oxytetracycline concentration of 550 ppm.

Duration of treatment 5 to 7 days.

CONTRAINDICATIONS

The preparation should not be applied in birds hypersensitive to tetracyclines as well as to consumable egg-laying hens.

ADVERSE EFFECTS

Only occasionally, treated animals may develop indigestion accompanied by diarrhea and dysphagia, while bone growth disorder may occur in younger animals (particularly after prolonged administration).

WITHHOLDING PERIOD

For the meat of the treated animals: 7 days from the last drug administration.

NOTE

When the drug is applied in drinking water, fresh solution should be prepared every day.

STORAGE

At dry, cool and dark place.

AVAILABILITY

Prescription only.

SHELF LIFE

30 months.

PRESENTATION

20 g and 1000 g.

SULFADIMIDIN NATRIJUM sol. 16%**Oral solution
Sulfonamide****COMPOSITION**

1 ml solution contains:

sulfadimidine sodium 160 mg

ACTIONS

Sulfadimidine is highly effective against streptococci, certain staphylococci, gram-negative causative organisms - E. coli, salmonella, pasteurella, some richteria and coccidia. It belongs to the group of broad-spectrum bacteriostatic hemotherapeutics. As is the case with other sulfonamides, the mechanism of its antimicrobial action is based on inhibition of incorporation of paraaminobenzoic acid into folic acid.

It is readily resorbed and excreted somewhat slower, which leads to rapid achievement of the therapeutic concentration that is maintained for 24 h.

INDICATIONS

Coccidiosis in chicken, fowl cholera, pullorum disease, avian infectious coryza (coryza contagiosa avium), coccidiosis in rabbits, numerous infections of the respiratory, gastrointestinal and urinary tracts (caused by microorganisms susceptible to sulfadimidine).

APPLICATION AND POSOLOGY

The recommended initial (loading) therapeutic peroral sulfadimidine dose ranges between 100 do 250 mg/kg in most of the species, to be followed by maintenance dose which is reduced by half. The drug is applied orally (in drinking water), once daily in the following doses:

Animal species and category	Dose (ml/1 water or ml/kg p.m.)	Duration of treatment (days)
Poultry	25 ml/1 water (loading dose), for the first 1-2 days, followed by 12,5 ml/1 water (maintenance dose)	3-6 (max. 7)
Rabbits	10 ml/1 water (equivalent to 1	5-7

When the drug is applied to fowls in drinking water, the following quantities, i.e., doses of the drug (dependent on bird age) are added into appropriate quantity of water (see table below):

Chicken's age (weeks)	Average body mass (g)	Daily consumption of water per 1000 chickens under normal	Necessary quantity of the preparation to be added into the above-mentioned quantity of water for 1000 chickens (1)	Duration of treatment (days)
1	150	30	0.75 l (loading dose) 0.37 l (maintenance dose)	3-6 (max. 7)
2	300	60	1.50 l (loading dose) 0.75 l (maintenance dose)	
3	570	90	2.25 l (loading dose) 1.15 l (maintenance dose)	
4	880	120	3.00 l (loading dose) 1.50 l (maintenance dose)	
5	1200	150	3.75 l (loading dose) 1.87 l (maintenance dose)	
6	1600	180	4.50 l (loading dose) 2.25 l (maintenance dose)	
7	1940	220	5.50 l (loading dose) 2.75 l (maintenance dose)	
8	2200	250	6.25 l (loading dose) 3.12 l (maintenance dose)	
Loading dose is applied for the initial 1-2 days to be followed by the maintenance for the remaining 2-4 days				

CONTRAINDICATIONS

Kidney and liver diseases, anemia and hypersensitivity to sulfa-preparations.

The preparation must not be administered in consumable egg-laying hens

ADVERSE EFFECTS

Occasionally, treated animals may develop gastrointestinal disorders accompanied by diarrhea. Hypersensitivity reactions are also possible.

WITHHOLDING PERIOD

For meat 10 days from the last drug administration.

NOTE

In the course of treatment the animals should not have the access to non-medicated water. Prepare the fresh solution every day.

STORAGE

Store at cool and dark place.

AVAILABILITY

Prescription only.

SHELF LIFE

2 years.

PRESENTATION

100 ml and 1000 ml.

TRYSULFAXYLAR

intrauterine tablets sulfonamide

COMPOSITION

each tablet contains:

Sulfamethoxazole	2500 mg
Trimethoprim	500 mg
Prednisolone	20 mg

ACTIONS

Trimethoprim is a synthetic pyrimidine compound. Its antibacterial action is based on the blockade of the enzymes necessary for conversion of folic acid to folinic acid. It potentiates effectively antibacterial effects of sulfonamides. It is readily resorbed and mostly excreted within 24 hours. Sulfamethoxazole is a sulfonamide whose action is based on conversion of paraaminobenzoic acid to folic acid. It is readily resorbed and excreted in urine. It belongs to the prolonged action sulfonamides.

A combination of trimethoprim and sulfamethoxazole provides a broad spectrum of actions against gram-positive and gram-negative microorganisms. These two hemotherapeutics have synergistic effects and their combination may have even bactericidal effects.

Prednisolone is a glucocorticoid with prominent antiinflammatory, antiallergic and antitoxic effects.

Tablet mass in contact with uterine fluid produces foam which enables spreading of the medicinal substances throughout the uterine surface as well as mechanical cleaning of the mucosa.

INDICATIONS

Treatment of genital infections in cows, mares, sheep and sows, caused by gram-positive and gram-negative bacteria susceptible to sulfamethoxazole and trimethoprim:

- Secondary retention,
- Endometritis, pyometra,
- Embryotomy, caesarean section, intrapartal injuries.

APPLICATION AND POSOLOGY

Intrauterine tablets are inserted directly into the uterus. Single application is sufficient. Exceptionally, in severe cases the treatment should be repeated after 24 hours.

Cows, mares: 1- 2 intrauterine tablets/day

Sheep, sows: 1/2-1 intrauterine tablet/day.

CONTRAINDICATIONS

The preparation is contraindicated in animals hypersensitive to sulfonamide.

WITHHOLDING PERIOD

Meat and edible organs of the treated animals may be used for human consumption without any restrictions while milk obtained from cows and sheep may be used for the same purposes only after 3 days from the last drug application.

STORAGE

Store at dry, cool and dark place.

AVAILABILITY

Prescription only.

SHELF LIFE

2 years.

PRESENTATION

A box with 10 strips with 3 tablets in each.

TRIHOCIN

tablets Antiprotozoal for prevention and treatment of trichomoniasis in pigeons

COMPOSITION

Each tablet contains:

aminonitrothiazole 10 mg

ACTIONS

The active ingredient contained in the preparation aminonitrothiazole belongs to the group of synthetic antiprotozoal chemotherapeutics. It is highly effective against histomoniasis (caused by *Histomonas meleagridis*) in chickens and young turkeys as well as against trichomoniasis (caused by *Trichomonas columbae*) in pigeons

INDICATIONS

The medicine is intended for prevention and treatment of trichomoniasis of pigeons, both adults and young birds in the nest.

APPLICATION AND POSOLOGY

It is applied orally in the following doses:

For prevention of disease:

Adult birds: 1 tablet per day, for 3 days.

Young birds in the nest: 1 tablet per day, for 3 days.

For treatment of the disease:

Adult birds: 1 tablet per day, for 6 days, i.e., until cure

Young birds in the nest: 1 tablet per day, for 3 days, i.e., until cure.

The drug is administered to the pigeons individually. Upon every application each bird should be given the largest possible quantity of water.

If necessary, the treatment may be continued for additional 1-2 days.

CONTRAINDICATIONS

Liver and kidney diseases.

WITHOLDING PERIOD

Meat of the treated pigeons is not intended for human consumption.

SPECIAL WARNINGS

For animal use only:

The drug should not be co-administered with aminoglycosides and other medicines that may induce kidney and liver damages.

Special warnings for individuals applying the medicine:

It is advisable for the individuals who are applying the drug to wear protective gloves and mask during administration of the drug to animals. In case of onset of allergic reactions, seek medical attention immediately.

STORAGE

At dry, dark and cool place.

AVAILABILITY

Prescription only.

SHELF LIFE

5 years.

PRESENTATION

100 tablets.

MASTREPEN**intramammary suspension****COMPOSITION**

Each injector contains:

Neomycin sulfate	100 mg
procaine-benzylpenicillin (procaine penicillin G)	100 mg (1.000.000 IU.)
streptomycin sulfate	100 mg
prednisolone	10 mg

ACTIONS

A combination of antibiotics penicillin, streptomycin and neomycin contained in the preparation ensures broad spectrum of antimicrobial (bactericide) actions against numerous gram-positive and gram-negative of the preparation.

The preparation is rather successful in control of mastitis in high production heads in the period of lactation.

INDICATIONS

The preparation is indicated for treatment of acute and subacute mastitis cases caused by gram-positive (*Streptococcus agalactiae*, *Str. Dysgalactiae*, *Str. uberis* and *Staph. Aureus*) and gram-negative (*E. coli*) bacteria in the lactating cows.

APPLICATION AND POSOLOGY

The preparation is applied by careful insertion of the injector tip deep into streak canal and its contents is gently squeezed out into the affected quarter of the previously milked, washed and disinfected udder (together with tits). Thereafter, the applied mass is evenly massaged from the lower to the upper (base) part of the udder..

Dose for cows is the following: 1 injector per each affected quarter of the udder. The drug is applied once a day and the treatment lasts 1-3 days.

CONTRAINDICATIONS

The drug should not be applied in animals hypersensitive to penicillin, cephalosporins and aminoglycosides.

ADVERSE EFFECTS

Occasionally, hypersensitivity may develop in the treated animals.

WITHHOLDING PERIOD

For meat 7 days, for milk 3 days from the last drug administration.

STORAGE

Keep at dry, cool and dark place.

AVAILABILITY

Prescription only.

SHELF LIFE

1 year.

PRESENTATION

10 injectors with 10 ml.

ASCARIC D**Tablets
Ectoparasitic****COMPOSITION**

Each tablet contains:

Piperazine adipate 5 g

INDICATIONS

Treatment of infections caused by susceptible nematodes in horses, cattle, foals, calves, pigs, dogs, cats and poultry

APPLICATION AND POSOLOGY

The recommended therapeutic peroral drug dose ranges between 100 and 300 mg/kg b.m.

The drug is applied to the animals admixed in feed (meal) preferred by the animal or in drinking water, i.e. milk

After fasting period of 12 to 24 hours, the drug is applied perorally, once a day in the following quantities, i.e., doses (see table below):

Animal species and category	Dose (tabs./per animal)	Duration of treatment
Horses and cattle	6 tablets/100 kg, (equiv. 300 mg piperazine-adipate/kg b.m.)	3 days
Foals and calves	1,5tableta/25 kg, (equiv.300 mg piperazine adipate/kg, b.m.)	
Swine and piglets	1,5 tablet/25kg, (equiv.300 mg piperazine - adipate / kg, b.m.)	

In horses and foals the drug is applied in moistened oats or using a probe with 500 ml water. The drug is initially applied at the age of 3 to 4 months. In case of recurrent invasion, the treatment should be repeated after 2-3 months. In cattle, heifers and calves, the drug is applied by probe or using a feeding bottle. The calves should be initially treated at the age of 1 month. In pigs, the drug is applied in the moistened feed or as an electuary. Additionally, it may be also applied using a pernasal probe. In pregnant sows the drug is applied 4 weeks before farrowing. The piglets should be initially treated immediately before weaning.

CONTRAINDICATIONS

Chronic liver and kidney diseases.

ADVERSE EFFECTS

Only occasionally tremor, ataxia, diarrhea, vomiting and weakness were observed in the treated animals (mostly in younger animal categories).

WITHHOLDING PERIOD

For meat 2 days from the last drug administration, while milk may be used without any restrictions

SPECIAL WARNINGS**For animal use only:**

In case of onset of hypersensitivity reactions in the treated animals, adrenalin should be applied as well as antihistamines and glucocorticosteroids, if necessary.

Special warnings for individuals applying the medicine:

Protective gloves and masks are recommendable to individuals (particularly to those hypersensitive to some drugs and other antigen types) mixing the drug with the feed, preparing suspensions in water or during administration to animals. In case of onset of allergic reactions, seek medical attention immediately.

NOTE

The preparation may be applied in pregnant animals as well as to animals affected with gastroenteritis.

In the course of drug administration laxative application is not required.

STORAGE

Keep below +25°C, in the original pack, protected from light and moist.

Keep out of reach of children.

AVAILABILITY

Prescription only.

SHELF LIFE

3 years.

PRESENTATION

1 strip with 6 tablets.

VZ MIZOL 20%**Oral powder
Anthelmintic****COMPOSITION**

Each g powder contains:
tetramisole hydrochloride 200 mg

ACTIONS

VZ Mizol 20% prepared in the recommended doses safely destroys majority of the adult and developmental forms of the gastrointestinal and pulmonary nematodes in cattle, sheep, swine and poultry.. VZ Mizol leads to paralysis of parasites which are subsequently killed and decomposed. Gastrointestinal parasites are mostly evacuated within the initial 24 hours after the treatment while pulmonary parasites are evacuated within the initial 12 hours after drug administration .

INDICATIONS

Treatment and control of infestations caused by susceptible gastrointestinal and pulmonary nematodes in cattle, sheep, goats, pigs and poultry.

APPLICATION AND POSOLOGY

The recommended peroral single dose of the drug for cattle, sheep, goats and pigs is 15 mg/kg b.m., while in poultry the drug is applied at the dose ranging between 40 and 80 mg/kg b.m.. The proposed drug is applied in a single dose in feed (preferred by the animal) or in drinking water -in the following doses, i.e., quantities (see table below):

Animal species and category	Dose (g/kg b.m.)	Duration of treatment
Cattle, sheep and goats	1,5 g/20 kg b.m. or 7,5 g/100 kg b.m. (equiv.15 mg tetramisole/kg b.m.)	Single dose
Pigs	1,5 g/20 kg b.m. or 7,5 g/100 kg b.m. (equiv.15 mg tetramisole/kg b.m.)	
Poultry	100 g/500 kg b.m. or 100 g/500 kg birds with body mass of 1 kg (equiv.40 mg tetramisole/kg b.m.)	

CONTRAINDICATIONS

The drug is contraindicated, that it must not be administered concomitantly with as well as 14 days before and after application of the organophosphorus. Carbamate or nicotine-similar compounds, such as diethylcarbamazine citrate, pyrantel and morantel. Moreover, the drug should not be administered in the lactating cows, sheep, and goats if the milk is used for human consumption, in consumable egg-laying hens and in animals hypersensitive to levamisole.

ADVERSE EFFECTS

Only occasionally, particularly after administration of higher doses the treated animals may develop skeletal muscle tremor with prominent tremor of the head, hypersalivation, vomiting, nerve symptoms and colics. All the adverse effects are transitory.

WITHHOLDING PERIOD

The period between last application of the drug and allowed human consumption of the treated animal meat is 14 days, while milk of the treated cows, sheep and goats, as well as eggs of the egg-laying hens are not used for the above purposes.

NOTE

VZ Mizol 20% powder is safe for young animals, physically unfit animals or pregnant animals.

STORAGE

Keep at dry, cool and dark place.

AVAILABILITY

Prescription only.

SHELF LIFE

2 years.

PRESENTATION

10 g.

CARBO-BIZMUT**Granules
Antidiarrheic****COMPOSITION**

1 g granules contains:

Activated charcoal	800 mg
Bismuth subnitrate	40 mg

ACTIONS

Presence of the activated charcoal in the preparation assures exceptional adsorption of the gaseous, liquid and solid substances (different toxins, bacteria, tissue degradation products etc.), while astringent, mild antimicrobial and spasmolytic effects of bismuth subnitrate lead to protection of the gastric and intestinal mucosa from the possible irritations (resulting from its capacity of binding of H₂S and other sulfates) with simultaneous slowing down of the intestinal peristalsis (antidiarrheic effect).

INDICATIONS

The drug is intended for treatment of gastrointestinal catarrh, diarrhea, meteorism and dyspepsia.

APPLICATION AND POSOLOGY

The drug is applied in animals periorally (admixed in feed), at the quantity i.e., in dose presented in the table below (depending on severity of disease and animal species) (see table below):

Animal species and category	Dose (g/kg b.m.)	Duration of treatment
Horses and cattle	100 (the stated quantity should be divided and offered to the animal two to three times a day)	Till recovery
Pigs	1,5 g/20 kg b.m. or 7,5 g/100 kg b.m. (equiv. to 15 mg tetramisole/kg b.m.)	Till recovery
Poultry	100 g/500 kg b.m. or 100 g/500 kg of birds of body weight up to 1 kg (equiv. To 40 mg tetramisole/kg b.m.)	Till recovery
Note: In the catarrhal inflammations of the posterior parts of the digestive tract the drug is applied rectally		

INSTRUCTIONS FOR CORRECT DRUG USE

Since the active ingredients contained in the drug, particularly activated charcoal, may adsorb numerous drugs and nutrients, drug administration is not recommended at least 2-3 hours before and after feeding and/or administration of other drugs.

CONTRAINDICATIONS

Administration of the drug is contraindicated in animals with liver and kidney impairments and encephalopathy.

ADVERSE EFFECTS

Only occasionally, primarily after administration of the large drug dose and during prolonged treatment the animals may develop stomatitis, gingivitis, nausea, vomiting (in animals suffering from vomiting), constipation and methemoglobinemia. Rarely, liver and kidney defects may occur.

WITHHOLDING PERIOD

No restrictions

STORAGE

At dry, dark and cool place, separated from the volatile substances.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

100 g.

VETAN 55**Oral powder
Antidiarrheic****COMPOSITION**

Each g powder contains:

Tannin from the sweet chestnut 550 mg

ACTIONS

Tannic acid precipitates proteins. In contact with the mucosa, tannic acid produces thin superficial film of the insoluble denatured proteins that prevents resorption of the toxic substances and prevents the mucosa of further damaging.

INDICATIONS

- Prevention and treatment of gastrointestinal disorders in pigs, accompanied by diarrhea
- Treatment of winter dysentery in cattle, as well as other gastrointestinal disorders accompanied by diarrhea
- Prevention and treatment of gastrointestinal disorders in the poultry accompanied by diarrhea

APPLICATION AND POSOLOGY

The drug is applied perorally, admixed in feed or water, depending on animal species. Drug doses used in prevention and treatment of the gastrointestinal disorders are the following:

Animal species and category	Doses	Method of administration	Duration of treatment
Piglets, weaned	Treatment of gastrointestinal disorders: 5 kg per ton feed	Admixed in feed	7 days
	Prevention of gastrointestinal disorders: 3 kg per ton feed	Admixed in feed	15-21 days
Pigs	Treatment of dysentery in pigs: 5 kg per ton feed	Admixed in feed	7 days
	Prevention of dysentery in pigs: 3 kg per ton feed	Admixed in feed	10 days
Calves	Treatment of winter dysentery: 1 - 2 spoons per animal once a day	Dissolved in 2 - 3 L water, using a probe directly into rumens or using a bottle	3 - 4 days
	Treatment of other types of diarrhea: one spoon per animal once a day	Dissolved in 2 - 3 L water, using a probe directly into rumens or using a bottle	3 days
Cattle	Treatment of winter dysentery: 4-8 spoons per animal once a day	Dissolved in 2 - 3 L water, using a probe directly into rumens or using a bottle	3 - 4 days
	Treatment of other types of diarrhea: 2-4 spoons per animal once a day	Dissolved in 2 - 3 L water, using a probe directly into rumens or using a bottle	3 days
Poultry	0.02 - 0.1 g per animal, i.e., 50-70 g per 100 L water	Dissolved in drinking water	5 days

CONTRAINDICATIONS

Obstipation, liver and kidney damages.

ADVERSE EFFECTS

Frequent or prolonged application of the preparation may lead to gastrointestinal disorders, hemorrhagic enterocolitis, proctitis, nephritis, fatty liver degeneration and anuria.

If the above disorders are observed, administration of the preparation must be discontinued immediately.

WITHHOLDING PERIOD

Meat and milk of the treated animals may be used for human consumption without any restrictions.

NOTE

When the preparation is applied in drinking water, the fresh solution should be prepared every day, immediately before use. During the treatment, access to non-medicated water should be prevented.

STORAGE: At dry place.

AVAILABILITY: Over-the-counter.

SHELF LIFE: 5 years.

PRESENTATION: 75 g.

DOGOVIT TABLETS**Tablets****Vitamin –mineral supplement for dogs, cats and fur-bearing animals****COMPOSITION**

Each tablet contains:

vitamin A	3.000 IU.
vitamin D ₃	300 IU.
vitamin E	37 IU.
iron	2 mg
copper	0,2 mg
manganese	2 mg
zinc	1 mg
cobalt	60 \xg
iodine	60 \xg
selenium	1,8 mg

USES

The preparation is used for maintenance of animal health and vitality, as a supplement to young animals in the phase of growth, for maintenance of daily vitamin and mineral demands, as a strengthening preparation in pregnant animals and lactating animals, in cases of vitamin and mineral deficiencies, for reduction of the convalescence period after surgeries and sustained diseases, for prevention of falling off of fur and onset of dandruff, etc.

METHOD OF ADMINISTRATION

Dogs up to 10 kg body mass 1 tablet

Dogs above 10 kg body mass 2 tablets

Cats, fur-bearing animals 1 /2 do 2 tablets

As a dietary supplement in sick and convalescent animals, pregnant and lactating animals - 2 tablets. Tablets should be applied before feeding, whole or crushed and admixed with feed.

STORAGE

Keep at dry, cool and dark place.

SHELF LIFE

18 months.

PRESENTATION

A box with 10 x 6 tablets.

SOLIT

**Oral powder
Electrolyte**

COMPOSITION

Each g powder contains:

Sodium chloride	126,13 mg
Sodium-hydrocarbonate	90,09 mg
Potassium chloride	54,05 mg
Citric acid, monohydrate	7,21 mg
Potassium citrate	1,8 mg
Glucose monohydrate	719,82 mg

ACTIONS

The preparation is primarily aimed at replacement of the lost fluid, mineral ions (Na, K, chloride) and glucose. Additionally, it normalizes acid-base balance, stimulates diuresis and contributes to faster elimination of the metabolites from the animal organism in presence of dehydration of different etiology.

INDICATIONS

Replacement of the lost fluid (caused by diarrhea, vomiting, burns, etc.), regulation of the osmotic and acid-base balance disorders as well as improvement of general condition (in case of weakness and prostration).

APPLICATION AND POSOLOGY

The drug is applied perorally in drinking water or milk. After dissolution of the content of a bag (55.5 g powder) in 2 L water for chicken or 2 L milk, it is administered to animals in the slops or using a probe in the following doses, i.e., quantities (see table below):

ANIMAL SPECIES AND CATEGORY		DOSE
Horses and cattle		2 L 3 times a day
Dogs	Puppies	up to 25 ml/kg b.m. per day
	Small breeds	up to 250 ml 2 times a day
	Middle breeds	up to 500 ml 2 times a day
	Large breeds	750 - 100 ml 2 times a day
Cats	Kittens	up to 25 ml/kg b.m. per day
	Other individuals	up to 100 ml 3 times a day

INSTRUCTIONS FOR CORRECT DRUG USE

After dissolution in water the drug may be used for 24 hours and thus, fresh solution should be prepared every day for the animals. It is best for the drug to be dissolved in fresh water. In case of lack of fresh water, it is recommended for the drug to be resolved in boiled and cooled water.

CONTRAINDICATIONS

The drug is contraindicated in hypertonic dehydration, hypernatremia, hyperchloremia, kidney impairment or adrenal failure as well as in cases of heart and liver defects

WITHHOLDING PERIOD

No restrictions

NOTE

Fresh solution should be prepared every day. The preparation is dissolved in lukewarm water or milk at the temperature of 35 - 36°C.

STORAGE

Keep at dry, cool and dark place.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

55.5 g.

BUROV SOLUBLETE

Tablets for skin solution Astringent

COMPOSITION

Each white tablet contains:
Aluminium potassium sulfate 5,9 g
Each 8.3 g blue tablet contains:
Lead acetate 7 g

INDICATIONS

Treatment of inflammatory skin processes, particularly edema caused by different contusions, as well as inflammations of the tendons, joints and hooves.

Posology

A cloth moistened in solution obtained by dissolution of both tablets in 400 ml lukewarm water is placed on the skin changes, i.e., diseases skin. Dissolve first one blue tablet completely (with continuous mixing) in 200 ml lukewarm water, add thereafter additional 200 ml of lukewarm water and one white tablet. Only after the second tablet is dissolved, i.e., after obtaining of 0.5% aluminium monobasic acetate solution or Burrow's solution, moisten the cloth with it, squeeze out the excess of solution and place (as a compress) on the affected skin area. As soon as the cloth is dries, repeat the procedure. The treatment lasts until recovery.

METHOD OF PREPARATION

The drug is applied topically (as a compress) when indicated.

INSTRUCTIONS FOR CORRECT DRUG USE

The tablets must be completely dissolved in water and the order of dissolution of the tablets must be observed.

CONTRAINDICATIONS

Application of the preparation on the open wounds or in the hypersensitive animals is contraindicated.

ADVERSE EFFECTS

Only occasionally, the treated animals may develop hypersensitivity reactions.

WITHHOLDING PERIOD

Meat and milk of the treated animals may be used for human consumption without any restrictions. Only in case of forced slaughtering, the tissues at the site of drug application must be discarded.

SPECIAL WARNINGS

For animal use only:

Upon application it is necessary to avoid drug application on the large skin areas and to prevent licking of the cloth moistened with the drug. In case of onset of hypersensitivity reactions, adrenalin should be applied as well as antihistamines and glucocorticosteroids, if necessary.

Special warnings for individuals applying the medicine:

Wearing of the protective gloves is recommended to individuals (particularly those hypersensitive to certain drugs and chemical substances, i.e., antigen types) during preparation and application of the drug.

Should the allergic reactions nevertheless appear or if certain quantity of the preparation is accidentally ingested and introduced into the digestive tract, seek medical attention immediately.

NOTE

Active ingredients contained in the preparation are rather toxic if ingested and thus they should be kept separated and out of reach of children.

STORAGE

Keep at dry, cool and dark place.

AVAILABILITY

Over-the-counter.

SHELF LIFE

Shelf life of the soluble tablets is 2 years.

Shelf life of the prepared solution is 12 hours

PRESENTATION

Al-foil with 6 tablets.

CINKVITAMINSKA MAST

Ointment Astringent and adsorbent

COMPOSITION

Each g ointment contains:

Zinc oxide	200 mg
Fish oil	100 mg

ACTIONS

The combination of active ingredients contained in the preparation (applied topically) has astringent and adsorbent effects (zinc oxide), and thus it protects the epithelium, promotes granulation and has emollient actions (fish oil).

INDICATIONS

The preparation is intended for spreading on the hands (for prevention of infections); in different gynecological interventions (for protection of vulvar and vaginal mucosa); in different erosions and wounds on the superficial skin and mucosal tissue areas; in case of panaritium and other injuries of the hoofs, as well as in ulcerative infections, etc.

APPLICATION AND POSOLOGY

The medicinal product is intended for topical use, i.e., spreading on the skin and mucosal tissue. For protection of the hands, the ointment is applied in a thin layer while in treatment of the areas affected with changes the layer should be thicker.

CONTRAINDICATIONS

None known.

NOTE

The animals should be prevented from licking the wounds after application of the ointment.

STORAGE

Keep at dry, dark and cool place.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

A 50 g. tube

FLOGOCID**Ointment
Antiphlogistic****COMPOSITION**

Each g ointment contains:

Enzyme complex in buffered solution (kinase, dornase, catalase)	500 mg
Boric acid	10 mg
chiniphon	0,5 mg

ACTIONS

Enzyme complex in buffered solution (kinase, dornase, catalase) contains bactericidal agents, metabolic products of bacterial autolysis: E. coli, B. pyocyaneus, Streptococcus beta haemolyticus, Staphylococcus aureus and albus. These bactericidal agents in combination with chiniphon and disinfectant have antiphlogistic and antibacterial effects even in cases in which numerous broad spectrum antibiotics cannot achieve satisfactory therapeutic effect.

INDICATIONS

Flogocid is indicated for local treatment in numerous inflammatory conditions of the skin and mucosal tissue, decubitus, infected wounds, burns, frostbites, ulcerations, fistulas, phlegmona, panaritium, eczema, mastitis, lymphadenitis, purulent otitis, etc.

APPLICATION AND POSOLOGY

Apply the ointment topically on the affected site and surrounding surface. If necessary, dressing may be used. In case of fistula and phlegmona, use a piece of gauze covered with thick layer of FLOGOCID ointment.

NOTE

The preparation is only for the topical application.

STORAGE

Store at cool and dark place.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

A 50 g tube

IHTIOL-KAMFOR**Ointment****Antiphlogistic, rubefacient, astringent****COMPOSITION**

1 g ointment contains:

Ammonium sulfogirodalate	90 mg
Camphor	40 mg

ACTIONS

The combination of active ingredients contained in the preparation has antiseptic, rubefacient, antipruriginous and repellent actions, drying the tissue and promoting wound granulation.

INDICATIONS

The preparation is intended for treatment of different inflammatory skin and subcutaneous processes, such as furunculi, burns, eczema, erysipelas, acne, acariasis, inflammation of tendons and tendon sheets, inflammation of joints, inflammation of lymph nodes as well as wounds with difficult granulation.

APPLICATION AND POSOLOGY

The preparation is applied externally, topically, 1-2 times a day by spreading and rubbing of a thin layer into the affected site or applying of ointment on a piece of gauze and its placing over the affected site.

ADVERSE EFFECTS

None observed, except for rubefacient effect and formation of vesicles that may be considered to be adverse effects. The effects will subside after discontinuation of treatment.

STORAGE

At dry, dark and cool place.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

A 50 g tube.

TINKTURA IODI

Skin solution
Medical disinfectant

COMPOSITION

1 ml solution contains:

Iodine 45 mg

ACTIONS

Iodine is a potent and reliable disinfectant. It penetrates readily into microorganisms, binds to protein amino groups causing their oxidation, which leads to their death. The antimicrobial spectrum is broad, and in addition to bacteria it is also effective against viruses and fungi. The solution is effective both against vegetative forms of the microorganisms and spores.

It is also effective against bacterial toxin inducing their destruction.

INDICATIONS

Disinfection, i.e., preoperative preparation of the skin for surgery, injections or puncture, as well as treatment of bacterial and fungal infections of the skin caused by microorganisms susceptible to iodine.

APPLICATION AND POSOLOGY

The preparation is applied externally without dilution. Spread the preparation over the affected skin areas that need to be disinfected using a piece of cotton or sterile gauze previously soaked in the iodine tincture. The treatment may be repeated several times a day, as necessary and the treatment will last until recovery.

CONTRAINDICATIONS

Application of the preparation on the open wounds and burns is contraindicated since it induces irritation and delays healing process.

Additionally, it should not be applied in animals hypersensitive to iodine.

ADVERSE EFFECTS

Only occasionally, the treated animals may develop hypersensitivity reactions and skin irritation.

WITHHOLDING PERIOD

Meat and milk of the treated animals may be used for human consumption without any restrictions. Only in case of forced slaughtering, tissue staining at the site of drug application may occur, and thus such tissue should be discarded.

NOTE

Prevent the animals, particularly horses from licking the treated surfaces. The preparation must not be covered with dressing. It should not be applied concomitantly with calomel and hydrogen peroxide.

Veterinarians and other professional handling the preparation must be particularly cautious due to possible hypersensitivity after contact with the solution. Protective gloves are recommended.

STORAGE

Keep at dry, cool and dark place, tightly sealed.

AVAILABILITY

Over-the-counter.

SHELF LIFE

12 months.

PRESENTATION

A bottle with 900 g

INTOX

Powder Ectoparasitic

COMPOSITION

Each g powder contains:

Permethrin	10 mg (1%)
Piperonyl butoxide	48 mg (4,8%)

ACTIONS

Active ingredient contained in INTOX is permethrin, highly effective insecticide with broad spectrum and prolonged actions and biodegradable properties, with exceptionally low toxicity for humans and worm-blooded animals. Permethrin is a contact and gastric insecticide that do not induce resistance in animals.

Piperonyl butoxide has synergistic actions, enhancing indicative permethrin effects.

Permethrin is effective against insects: lice, flees, bedbugs, dermanysus, ants, yellow and black cockroaches as well as against other insects.

APPLICATION

The preparation is suitable for disinsection of household areas, areas in medical institutions, hotels and restaurants, stores and agricultural facilities as well as for disinsection of animal litter.

METHOD OF APPLICATION

Powder the surfaces transitorily or permanently infested with insects.

Powder animal litters thoroughly. If the powder is applied in animal box of dog house, the floor should be washed with running water after 2 hours. If the pets are kept in the treated households, vacuum the powdered surfaces after two hours.

NOTE

Caution is necessary in order to avoid contact to the preparation with mouth of eyes.

Wearing of protective gloves is mandatory during application of the preparation and hands must be washed thereafter.

Keep out of reach of children.

STORAGE

Keep at dry and cool place out of reach of children.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

Duster with 100 g.

SINEMOS gel

Repellent

COMPOSITION

Each ml contains:

N,N-diethyltoluamide 150 mg

SINEMOS gel enables efficient protection from mosquito, gadfly and other insect bites as well as from tick –bites for 2-3 hours .

METHOD OF APPLICATION

Apply SINEMOS gel on all uncovered body areas. Caution is needed to prevent the preparation from coming into the eyes, nose or mouth. Keep out of reach of children.

STORAGE

Store at room temperature, tightly sealed. Protect from freezing.

AVAILABILITY

Over-the-counter.

SHELF LIFE

2 years.

PRESENTATION

A tube with 50 ml gel.

ROSOL prašak

**Powder
Rodenticide**

COMPOSITION

each g powder contains:

warfarin 5 mg

ACTIONS

Rosol powder has anticoagulant actions reducing the blood clotting capacity (hypoprothrombinemia), thus causing death due to blood vessel damages and internal bleeding. The effects of Rosol powder is cumulative and thus, single administration of the toxin at the amount 10-20 times as high as the lethal dose is not lethal in absence of repeated administration. Since the toxin is odorless and tasteless and it induced no pains, the rodents are consuming it without bait shyness .

Consumption of Rosol for 5 consecutive days will lead to death of rats within 5-7 days, death of mice within 5-9 days. Rosol is also toxic for humans and other mammals as well as to poultry.

METHOD OF APPLICATION

The baits are prepared by mixing of one part of Rosol powder with 15-19 parts of feed (corn flour, bran, oats germ fish, meat leftovers, cheese, boiled potatoes, etc.).

Upon placement of baits, their number should be taken into account as well as the location in order to enable their collecting after completion or deratting. The baits should remain at the same place for at least 7 days and if consumed, new quantities are to be added until consumed by mice and rats. The baits should be placed at hidden places. Contact with baits with bare hands should be avoided since it induces bait-shyness and distrust in the rodents that may sense that.

PRECAUTIONS

- The toxin should be handled only by professionals.
- Preparation, placement and removal of the baits must be strictly controlled.

All the packaging material must be incinerated while vessels and tools must be thoroughly washed with running water and generous quantity of soap. The soapsuds should not be drained into the sewers or running water but it should be buried into the pit. Dead mice and rats as well as bait residues must be removed and incinerated. Special caution is necessary in order to prevent domestic animals from consuming the poisoned rodents. In case of onset of intoxication of children, adults or domestic animal in spite of all the above precautions, contact our doctor or veterinarian immediately.

SYMPTOMS OF INTOXICATION

Malaise, fatigue, apathy and unsteady gait. The most important signs of intoxication include different degrees of skin and mucosal tissue hemorrhage that may be either spontaneous or caused even by the slightest stroke, hematuria, bloody diarrhea as well as symptoms consequential to brain hemorrhage and internal organ hemorrhage.

FIRST AID AND ANTIDOTE

Humans: in less severe cases of intoxication vitamin K -1 is applied intramuscularly in dose of 10 mg and the treatment should be repeated within 3-6 hours.

In severe cases, Fresh blood transfusion with addition of vitamin K-1 in dose of 20 mg is necessary. The treatment is repeated based on the recorded prothrombin time.

Animals: vitamin K-1 in dose of 2 mg/kg per day for several days. In more severe cases, its concomitant administration with glucose and saline solution may be beneficial.

ADVERSE EFFECTS

None if appropriate precautions are followed.

CONTRAINDICATIONS

The preparation must not be applied in the open areas and crops.

NOTE

The preparation is intended only for control of pests. After completion of handling, wash the hands with water and soap.

STORAGE

Keep at dry and cool place in separated locked room.

AVAILABILITY

Only for professional use.

SHELF LIFE

5 years.

PRESENTATION

100 g and 1000 g.