

## DESCRIPTION AND USE OF THE PRODUCT

### **CV247 tablets and capsules**

Adjuvant, immunostimulant, antioxidant roborant for dogs with cancer

### **FORMAT OF THE PRODUCT**

Capsules and tablets for simultaneous oral administration

### **COMPOSITION OF THE PRODUCT**

#### 1 capsule contains:

Manganese gluconate	10 mg
Copper gluconate	10 mg
Ascorbic Acid (Vitamin C):	200 mg

#### 1 tablet contains

Sodium salicylate: 175 mg

### **TARGET SPECIES: Dog**

### **INDICATIONS FOR USE**

A substance with therapeutic effect for the improvement of the quality of life of dogs suffering from **malignant tumours and conditions**. It may be advantageous for the adjuvant treatment of animals treated with chemotherapy or radiotherapy. It may prevent or delay the recurrence of tumours so treated or partially or completely removed surgically. It can be advantageous for the *improvement of the condition of ailing or aged animals, for epileptic or arthritic dogs and for the stimulation of recovery and healing after illness, chemotherapy or surgery.*

### **MECHANISM OF ACTION:**

**Manganese and copper** are essential trace elements for the functioning of enzymes (such as Superoxide Dismutase, SOD) promoting the stimulation of the immune system, the natural killer cell activity and antioxidation processes. In malignant neoplasia these enzymes are not functioning adequately and thus cannot prevent the damages of DNA, a frequent cause of tumour formation.

**Ascorbic acid** (Vitamin-C) reduces the free radicals and other harmful oxidation products in the body and stimulates the immune system. It promotes the repair processes, the regeneration of connective tissue and wound healing.

**Sodium salicylate** supports the anti-inflammatory processes and the reduction of pain thereby improving the quality of life of sick animals. It reduces oxidation processes whose excessive activity enhances DNA damaging and the proliferation of tumour cells and their blood supply. It restores the correct balance between cell proliferation and natural cell-death (apoptosis).

### **APPLICATION AND DOSAGE**

*The dose is one Essential Minerals / C-vitamin capsule and one tablet of Sodium Salicylate per day for a dog of 10 Kg bodyweight, according to the following Table:*

Bodyweight	CV247 daily dosage
under 5 Kg	half capsule and half tablet once a day or one capsule and one tablet every second day
5-15 Kg	one capsule and one tablet once a day
15-25 Kg	one capsule and one tablet twice a day
25-40 Kg	one capsule and one tablet 3 times a day
40 Kg and above	2 capsules and 2 tablets twice a day.

*When the animal responds to treatment, the frequency and dose of administration may be reduced or modified on the advice of the treating veterinary surgeon who should periodically assess progress. For the prevention of tumour recurrence a lower dosage may be sufficient.*

#### Administration of the capsule and tablet:

Put them *one by one* onto the base of the tongue and then hold the mouth closed by hand for a while, until the dog swallows them. (for dogs with good appetite they can be offered hidden into a piece of treat!), or **open the capsule, and crush the tablet**, pour and mix the contents into a small amount of food before feeding, while still hungry, or into a small amount of favourite fluid, juice, syrup, broth etc. and offer it to drink, or administer this solution by a 10 ml (or so) syringe or by a spoon directly into the buccal cavity. (the mouth need not even be opened).

**Diet:** A change of diet is an integral part of CV 247 treatment. Food preparations with reduced carbohydrate supply, increased protein and lipid are recommended. Alternatively a home-prepared diet regime may be used made up of the following ingredients.

**RECOMMENDED HOME PREPARED DIET:** *With the drastic reduction of salt, sugar, colouring, flavouring agents and preservatives, if possible from „organic“ ingredients:*

%	Proportion	Mode of preparation	Type/origin of Food	Examples
30	1/3	Cooked	Fibrous plant	cabbage, cauliflower, broccoli,
30	1/3	Baked	Fibrous plant	oat porridge, muesli, oat cereals
20	1/5	Cooked	animal	poultry, veal, rabbit
10	1/10	Mildly cooked	animal	boneless fish (may be oily)
10	1/10	Mildly cooked	animal	liver (except goose or duck), eggs

### **CONTRAINDICATIONS:**

CV247 should not be used in animals who are:

- Suffering from gastrointestinal ulceration or bleeding
- Hypersensitive to any component of the formulation
- In pregnant or lactating bitches

### **SPECIAL WARNINGS, SIDE-EFFECTS**

Manganese and copper are essential trace elements. In the recommended doses of CV247 these trace elements are present in smaller amounts, than what would be harmful, but the recommended dosage should not be exceeded. CV247 should be used with caution for the treatment of dog varieties that could be sensitive to copper, due to hereditary enzyme deficiency, such as Doberman Pinschers and Bedlington Terriers.

Gastric irritation following sodium salicylate administration is less frequent than with other salicylates and no cases have been encountered, where it could be exclusively attributed to it. This has been supported by toxicity tests, where 6 months administration to dogs of daily therapeutic and its doubled doses did not cause any clinical side-effects or abnormal laboratory test or postmortem results.

Because salicylic acid may enhance the effect of certain drugs, CV247 should be co-administered cautiously with anti-coagulant drugs (such as coumarins) as salicylic acid impedes the binding of these drugs to plasma proteins. It should be given with caution with other NSAID-s, taking into account the total daily NSAID intake.

### **STORAGE**

The preparation is to be stored at room temperature not exceeding 30 °C, in dry conditions.

### **EXPIRY DATE**

As stated on the shared outer carton box . Pre-estimated dates on original inner boxes are to be disregarded.

### **PRESENTATION**

**175 mg Sodium Salicylate tablets:** One carton contains 3 blister packs of 10 tablets

**Essential Minerals and Vitamin-C capsules:** One carton contains 3 blister packs of 10 capsules.

### **FOR ANIMAL TREATMENT ONLY!**

### **KEEP OUT OF SIGHT OF CHILDREN!**

**DISPOSAL OF UNUSED PRODUCT** According to local rules

**NAME OF MANUFACTURER:** Medreich PLC, 9, Royal Parade, Kew Gardens, Surrey TW9 3QD, U.K. United Kingdom

**NAME OF DISTRIBUTOR:** Ad Astra-Ivy Medical Chemicals Hungary Kft. 1016 Budapest, Naphegy tér 2. 1.07.  
website: [www.ivymedical.com](http://www.ivymedical.com) webshop: [www.ivymedical.hu](http://www.ivymedical.hu)  
info: [ad.astra@ivymedical.hu](mailto:ad.astra@ivymedical.hu)

**BATCH No, MANUFACTURE, EXPIRY DATES: on cartons**  
**NUMBER OF AUTHORISATION:**  
253/1/2011 MgSzH ÁTI