# MOXY 10% w/w SOLUBLE POWDER

**Product Description:** A white or almost white powder.

**Content:**

MOXY 10% w/w Soluble Powder contains Amoxicillin, equivalent to 100gm of amoxicillin per kg.

**Pharmacodynamics:**

Amoxicillin is a bacterial semi-synthetic penicillin with a broad spectrum of activity against Gram positive and Gram negative bacteria. It owes its activity to the inhibition of the development of the peptidoglycan network structure in the bacterial cell wall.

**Pharmacokinetics:**

Amoxicillin is well absorbed following oral administration and it is stable in the presence of gastric acids. Excretion of amoxicillin is mainly in the unchanged form via the kidneys to give high concentration in renal tissue and urine. Amoxicillin is well distributed in body fluids.

Studies in birds have indicated that amoxicillin is distributed and eliminated more rapidly than in mammals. Biotransformation appeared a more important route of elimination in birds than in mammals.

**Indication(s):**

**Chicken:** Treatment of infections in chickens caused by bacteria susceptible to amoxicillin.

Not effective against beta-lactamase producing organisms.

Use of the product should be based on susceptibility testing and it should take into account official and local antimicrobial policies.

**Recommended Dose:**

**Chicken:**
The recommended dosage is 129mg of MOXY 10% w/w soluble powder per kg bodyweight (equivalent to 15mg amoxicillin trihydrate per kg bodyweight). The total period of treatment should be for 3 days or in severe cases for 5 days as determined by the attending veterinary surgeon.

Dilution and Instructions for Use:
The product is administered in the drinking water. Prepare the solution with fresh tap water immediately before use. Once opened, use the contents of one sachet immediately. Any unused medicated water should be discarded after 12 hours. In order to ensure consumption of the medicated water, animals should not have access to other water supplies while being treated.

The following formula may be used to calculate the amount of product required per day (in grams):

$$\frac{\text{Number of birds x average live weight (kg)}}{33}$$

To ensure a correct dosage, bodyweight should be determined as accurately as possible to avoid underdosing. The uptake of medicated water depends on the clinical condition of the birds. In order to obtain the correct dosage the concentration of amoxicillin has to be adjusted taking into account water intake.

**Contraindications:**
MOXY 10% w/w Soluble Powder should not to be administered to birds producing eggs intended for human consumption.

**Warnings & Precautions:**

**Special Warnings:** None

**Special Precautions for Use:**

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

Penicillins and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Hypersensitivity to penicillins may lead to cross reactions to cephalosporins and vice versa. Allergic reactions to these substances may occasionally be serious.

1) Do not handle this product if you know you are sensitised or if you have been advised not to work with such preparations.
2) Handle this product with great care to avoid exposure, taking all recommended precautions.
3) If you develop symptoms following exposure such as a skin rash, you should seek medical advice and show the doctor this warning. Swelling of the face, lips or eyes or difficulty with breathing are more serious symptoms and require urgent medical

attention.

- Avoid inhalation of dust. Wear either a disposable half-mask respirator conforming to European Standard EN149 or a non-disposable respirator to European Standard EN140 with a filter to EN143
- Wear gloves during preparation and administration of medicated water or liquid feed
- Wash any exposed skin after handling the product or medicated water or feed
- Wash hands after use

**Interactions with Other Medicaments:**

None known.

**Pregnancy and Lactation:**

Laboratory studies in rats have not produced any evidence of a teratogenic effect due to the administration of amoxicillin. Use only according to the benefit/risk assessment of the responsible veterinarian.

**Side Effects:**

None known.

**Overdose:**

No problems with overdosage have been reported. Treatment should be symptomatic and no specific antidote is available.

**Storage Condition:** Store below 30°C.

**Shelf Life (as packaged for sale):** 2 years.

**Shelf-life after first opening the container:**
Once opened, use the contents of one bag immediately. Discard unused portion after the first opening.
**Shelf-life after reconstitution or dilution:** 12 hours

**Withdrawal Period:**

Chicken (meat & offal) - 1 day

Not for use in chicken intended to produce eggs for human consumption.

**Pack Size:** 1 kg

**Disposal:** The material should be disposed in compliance with national and regional requirements.

For Animal Use Only
Controlled Medicine / Ubat Terkawal
Keep out of reach of children / Jauhi dari kanak-kanak
MAL xxxxxxxxx

**Product Registration Holder:**
Rural Chemical Industries Sdn Bhd
5 & 7 Lorong SS13/6A, Subang Jaya, 47500 Subang, Malaysia

**Manufactured by :**

Ningbo Creator Animal Pharmaceutical Co., LTD

No 590, Xitou Village, Xidian Town, Ninghai, Ningbo City, Zhejiang Province, China

**Batch Number:**
**Manufacturing Date:**
**Expiration Date:**