### SAFETY PHRASES

### CONCENTRATE

Causes serious eye irritation. Harmful if inhaled. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if present and easy to do. If eve irritation persists: Seek medical advice/attention, Dispose of container to hazardous waste collection point.





PRODUCT FORMULATION: Emulsifiable concentrate. SUBSTANCES CONTRIBUTING TO CLASSIFICATION: Organomodified siloxanes (CAS: 67674-67-3).

### WORKING SOLUTION

IF DILUTED IN WATER IN 1 % CONCENTRATION. THE FORMULATION DOES NOT CAUSE EYE OR RESPIRATORY TRACT IRRITATION.

### CONTENTS

Organomodified siloxanes, silanes, antioxidants.

STORAGE: Store between 0°C - 30°C

### ■ MANUFACTURER

# Pest Innovations

DERGALL® is a patent pending formulation. the Biocidal Product Regulation (528/2012/EC). The label has been reviewed by the VMD and is considered to be suitable for the marketing



VETERINARY SURGEONS



### DIRECTIONS FOR USE

Dergall® should be applied at a concentration of 1%

at the rate of 100 ml/m2.

(10 ml Dergall/1 litre tap water).

Dergall® should be applied using hand-operated or mechanical compression sprayers. Ideally spray during the night, about 60 minutes after the lights are out, when birds are calm and mite activity is optimal (they leave clusters of mixed developmental stages which leads to better efficacy). To obtain the required spray solution, the sprayer should be filled with water and the recommended amount of Dergall® added.

Diluted spray solution should be used within 12 hours after preparation.

### FOR COLONY CAGE, FREE RANGE, BREEDER AND PULLET REARING SYSTEMS

Dergall® should be applied at a concentration of 1% (10 ml Dergall/ 1 litre tap water), at the rate of 100 ml/m2.

### APPLICATION

Apply ideally at night, Dergall should be used at the concentration of 1% (10ml Dergall/1 litre tap water) by knapsack or compression sprayer at the rate of 100ml/m2. Spray all equipment, cracks and crevices, nest boxes, egg belts, slats and perches.

### SUBSEQUENT APPLICATION

Monitor levels of red mite, you can target spray treatments. Best practice is to repeat application between 5 and 7 days after the first application, particularly with heavy infestations. This is to remove any nymphs which have migrated from places the spray didn't reach. To maintain a low level of infestation, repeat if necessary every 30 days.

### PRODUCT SUPPORT

Please contact the distributor for technical advice.

### ADDITIONAL RECOMMENDATIONS

Dergall® should not be used earlier than 30 days after application with diatomaceous earth (amorphous silica), due to the absorptive properties of the silica.

### CONTRAINDICATIONS

Do not apply in the presence of sick birds. Make sure there is sufficient ventilation when applying the product. Do not apply if the temperature in the house exceeds 35°c.



SPRAYABLE - TRAPPING AND IMMOBILISING AGENT

## FOR INNOVATIVE POULTRY MITE MANAGEMENT

EFFECTIVELY REDUCES THE RISK OF ECTOPARASITE - RELATED PATHOGEN CAUSED DISEASES

It is recommended for use in all housing systems. Its physical mode of action (immobilisation) eliminates the possibility of pest becoming resistant to the product. It does not contain pesticides, neurotoxic substances or hazardous chemicals.

Dergall® is designed to immobilise infestations of **RED POULTRY MITE** (*Dermanyssus gallinae*) and other pests in poultry farming i.e. SOFT TICKS (Argas spp.), SCALY LEG MITE (Cnemidocoptes mutans), NORTHERN FOWL MITES (Ornithonyssus sylviarum) and others.



## PHYSICAL MODE OF ACTION

**DERGALL®** is based on a unique 3D-IPNS technology (Three-Dimensional Immobilizing Polymeric Network Structure). When applied to a surface, it forms an air-permeable, three-dimensional molecular structure. It causes mechanical immobilisation of the pests which causes a significant reduction of their population within 70 hours following application. Dergall® does not disrupt the physiological processes of the target arthropods. Dergall® does not act systemically.



can be applied in

the presence of birds



physical protection

against bacterial

infections



does not

penetrate to bird's

organs or eggs



safe for the

environment

and human beings





poison-free

eliminates the possibility that pests will become resistant

efers to the working solution





NET