

# Rutland

*Keep Healthy*

## Introducing the Brand New Range of Rutland Essential Health Care Supplements!!

**Rutland Essential Digestive Care** combines probiotics, prebiotics and bentonite clay which may help dogs and cats with digestive upsets. We use probiotics in the form of *Enterococcus faecium* (NCIMB10415)  $3 \times 10^{11}$  CFU/kg, one of only two fully approved probiotic strains registered in the EU feed additives regulation (EC) No 1831/2003. The probiotics are aimed at maintaining a high level of beneficial bacteria in the gut and are fed by the prebiotics in the form of fructo-oligosaccharides. Rutland Essential Digestive Care also contains bentonite clay. Recent studies have shown bentonite clay to be more effective than kaolin at absorbing the toxins that can cause digestive upset. It acts as a natural binding agent to help firm up the faeces.



**Rutland Essential GLM Joint Care** combines green lipped mussel with glucosamine HCl, hyaluronic acid, ascorbic acid and manganese. Glucosamine is thought to have a number of potential modes of action. Glucosamine is required for the synthesis of glycoproteins and glycosaminoglycans (GAG), also collagen and DNA. By stimulating proteoglycan and GAG synthesis and decreasing proteoglycan degradation, glucosamine may help preserve the joint cartilage. Green lipped mussel contains concentrations of omega-3s which are thought to have an anti-inflammatory effect. Inflammatory pathways play a critical role in the chondrocyte response to injury and subsequent repair of the development of arthritis. One possibility for providing relief for osteoarthritis is via reducing  $PGE_2$  production subsequent to providing dietary omega 3 FAs.

**Rutland Essential Calm Care** is a calming remedy that may help relieve anxiety in cats and dogs. It contains L-Tryptophan, an essential amino acid involved in increasing levels of serotonin one of the main neurotransmitters in the brain. Serotonin may have direct effects on mood as studies have shown that low levels of serotonin can have a negative effect on mood. It also contains L-theanine which is thought to promote mental and physical relaxation; it may decrease stress and anxiety. Furthermore Rutland Essential Calm Care contains valerian root extract, ashwagandha, calcium and magnesium.



**Rutland Essential Urinary Care** has been developed to potentially help maintain and support the glycosaminoglycan layer of the bladder in cats. Furthermore it contains anxiolytic ingredients that may help reduce stress related behaviour and anxiety. N-Acetyl D Glucosamine and hyaluronic acid are thought to help maintain the glycosaminoglycan layer that lines and protects the bladder wall. Quercetin is a plant flavonoid that is thought to have an anti-inflammatory effect which could help reduce any inflammation within the urinary tract.



Here at Rutland we are fully committed to ensuring the optimum health and welfare of your pet. All products are competitively priced compared to other branded supplements on the market while keeping the quality high. The feedback since our launch last October has been fantastic with 100% of customers returning for the product again!! Interested? Why not asked one of our friendly team members and find out how we at Rutland can help you and your pet further.

**Rutland Essential Renal Care** is a source of potassium gluconate for cats. It may help boost potassium ions, B-complex vitamins, iron and essential amino acids.

