

# COOPERS ENVIRONMENTAL SCIENCE'S OWL COMPATIBLE RODENTICIDES<sup>®</sup>

JUNE 2016

**DISCLAIMER: THE GRIFFON POISON INFORMATION CENTRE ACCEPTS NO RESPONSIBILITY WHATSOEVER FOR ANY ADVERSE EFFECTS RESULTING FROM THE USE OF THIS INFORMATION. IT REMAINS THE RESPONSIBILITY OF THE CONSUMER TO APPLY RODENTICIDES STRICTLY AS INDICATED ON LABEL INSTRUCTIONS ACCORDING TO THE FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK REMEDIES ACT, 1947 (ACT NO. 36 OF 1947) AND TO TAKE ALL POSSIBLE MEASURES TO PREVENT UNNECESSARY EXPOSURE OF PEOPLE AND NON-TARGET ANIMALS TO RODENTICIDES.**

## COOPERS ENVIRONMENTAL SCIENCE RODENTICIDES

Coopers Ultrakill Rat and Mouse Liquid Bait (registration number L9476, contains difenacoum 0.8g/l) and Coopers Advanced Paste (registration number L9087, contains difenacoum 0.05 g/kg) are distributed by Coopers Environmental Science in South Africa. The liquid bait is a concentrate that must be mixed with a liquid and applied in a liquid bait station. The paste is a ready to use formulation for easy application in a bait station.



## TOXICOLOGY AND POISONING

Difenacoum is highly toxic to mammals with LD<sub>50</sub> = 0.8 mg/kg. It is used as a multiple feed anti-coagulant rodenticide which means the target animal has to consume it a few consecutive days (usually at least three) before it will result in the animal's death. Difenacoum is 60 times less toxic to birds (LD<sub>50</sub> = 50 mg/kg). Although it is very effective against rodents, the chances of it posing a risk to owls is highly unlikely due to the lower toxicity, the requirement for successive consumption of it and its metabolism in the target animal's intestines. Owls that may predate on rodents that have consumed the difenacoum rodenticides, are at much less of a risk of secondary poisoning than when predated on rodents that have ingested single feed anti-coagulants. Mammals are, however, at risk of secondary poisoning should they consume dead or dying rodent over a few days.



The Griffon Poison Information Centre endorses Coopers ES's Advanced Paste and Ultrakill Rat and Mouse Liquid Bait as effective rodenticides that reduce the risk of secondary poisoning to owls and other raptors due their multi-feed properties



**CRITICALLY IMPORTANT SAFETY MEASURES WHEN USING COOPERS ADVANCED PASTE AND ULTRAKILL RAT AND MOUSE LIQUID BAIT RODENTICIDES IN HOMES, INDUSTRIAL SITES, HOSPITALITY PREMISES AND AGRICULTURE**

- ❖ Apply all rodenticides only in bait stations irrespective of whether it is indoors or outdoors in locations where non-target animals will not be able to gain access to the rodenticides.
- ❖ Check bait stations daily and recover any spilt bait and dispose of it. Any left-over baits that have not been consumed must also be recovered and disposed of.
- ❖ After the third day of application it is likely that rodents will start expiring. Check the premises, collect any dead or dying rodents and dispose of them. This is best done early in the morning.
- ❖ Advanced Paste **MUST** always be applied in a bait station where dogs are roaming to prevent them from gaining access to it. Paste digests rapidly in dogs and liberates the difenacoum immediately upon which it will start affecting the animals. In the likelihood that pets may for whatever reason be exposed to paste, it is advisable to rather use the liquid bait as it is less likely to pose a risk to dogs if applied in liquid bait stations hidden in inaccessible spots.
- ❖ Animals that accidentally ingest these rodenticides or rodents that have eaten these products must be examined by a veterinarian without delay for symptoms of anti-coagulant poisoning and treatment with Vitamin K<sub>1</sub>.

**WARNING!!**

**APPLY ULTRAKILL RAT AND MOUSE LIQUID BAIT AND ADVANCED PASTE STRICTLY ACCORDING TO THE LABEL INSTRUCTIONS, ESPECIALLY AS IT DICTATES THE USE OF BAIT STATIONS. FAILURE TO DO SO WILL RESULT IN SEVERE PENALTIES ACCORDING TO ACT NO. 36 OF 1947**

**GRIFFON POISON INFORMATION CENTRE**  
24 HOUR POISONING EMERGENCY HELPLINE 082 446 8946

UltraKill Rat and Mouse Liquid Bait and Advanced Paste are registered to Starplex 83 CC, P.O. Box 14374, Bredell 1623, South Africa and are distributed by Coopers Environmental Science, 91 Maple Street 1619, South Africa [www.coopers.com](http://www.coopers.com)