

SN - Ot233/22/210505

**CENTRE FOR PLANT MEDICINE RESEARCH**  
PHARMACOLOGY & TOXICOLOGY DEPARTMENT

Product Code	Product Form	Date Received	Date Analysed	Test Conducted
Ot/017/21	Ointment	5 <sup>th</sup> May, 2021	30 <sup>th</sup> June, 2021	Dermal Toxicity Test

An area of hair on the lateral portion of the Wistar Rats (about 9 cm<sup>2</sup>) was trimmed and shaved with a razor blade. The rats were divided into 3 groups (n=5). Group one was injected intradermally with 0.1 ml of 1% w/v of the ointment dissolved in glycerol, group two with 0.1 ml of 5% w/v of the ointment dissolved in glycerol and group three as control was treated with only 0.1 ml glycerol. The ointment was also applied topically (0.5-1.0 g) to the shaved area of the first two groups of rats and the animals were observed for a period of 48 hours for any signs of ulceration, irritation and/or inflammation as compared to the control groups.

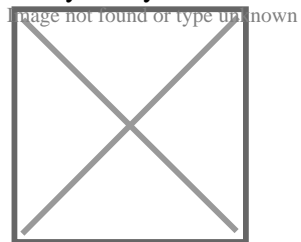
**RESULTS:**

Experimental Wistar Rat in groups 1 and 2 that received 0.1 ml Applied Topical & Intradermal of the Ointment dissolved in glycerol at 1% and 5% w/v respectively, showed no ulceration, irritation and/or inflammation at the site of injection. This indicates that even at a high level of 5% w/v the Ointment did not appear to cause erythema to the skin of the animal. A similar observation was made for the topical application.

**REMARKS:**

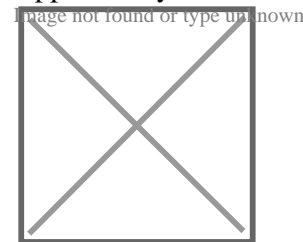
Ot/017/21 appears to be safe when applied to the skin.

Analysed by



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Approved by



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