



## **SABRE AEROSOL PROJECTORS**

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### **Test: PRIMARY SKIN IRRITATION STUDY IN RABBITS**

**Product Tested:** SABRE RED – 10% OC, 2MM SHU, 1.33% Major Capsaicinoid,  
Oleoresin Capsicum Formulation

**Date:** May 8 – 18, 2003

**Study Number:** 13637

**Signed by:** Daniel J. Merkel, B.S., Study Director, Product Safety Laboratories

**SUBJECT:** New Zealand albino rabbits healthy and free of disease.

**PROCEDURE:** Three healthy rabbits were prepared by clipping the dorsal area of each animal's trunk free of hair. One day after clipping the healthy rabbits without pre-existing dermal irritation were selected for test. One intact test site was delineated on each animal. Test substance was applied to the intact dose site on each animal and covered with a gauze pad.

After 4 hours of exposure to the test substance, the pads were removed and the test sites gently wiped with acetone, then water and a clean towel to remove residual test substance. Individual test sites were scored according to the Draize scoring system at approximately 1, 24, 48, and 72 hours after patch removal.

**RESULTS:** All test animals appeared active and healthy, apart from skin irritation. There were no other signs of gross toxicity, adverse pharmacologic effects or abnormal behavior. All animals were free of erythema and edema by Day 10.

**CONCLUSION:** Based on the Draize scoring system, SABRE Red 10% OC, 2MM SHU, 1.33% Major Capsaicinoid, Oleoresin Capsicum Formulation is classified as moderately irritating to the skin. Even though the animals were not decontaminated for 4 hours and a pad was applied over the exposed area, there were no permanent injuries to the animal. This test protocol goes beyond a worst case scenario and full recovery still occurred.