



SABRE AEROSOL PROJECTORS



2394 Route 130, Dayton, New Jersey 08810, U.S.A.
PRODUCT SAFETY LABORATORIES IS IN NO WAY AFFILIATED WITH SECURITY
EQUIPMENT CORPORATION

Test: Acute Inhalation Toxicity Study in Rats

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

Date: October 4 – 18, 2003

Study Number: 14251

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

SUBJECT: Sprague-Dawley albino rats (male, female) healthy and free of disease.

PROCEDURE: Acute Inhalation Toxicity Study in Rats – Limit Test. Ten rats were selected for test and exposed to the test atmosphere for one hour. The animals were observed for mortality, signs of gross toxicity, and behavioral changes prior to exposure, approximately every 15 minutes during exposure, upon removal from the exposure chamber and at least once daily thereafter for 14 days.

RESULTS: All test animals experienced ocular and nasal discharge, irregular respiration, and a hunched or prone posture during the test period. All test animals recovered from the symptoms by Day 3 and appeared active and healthy for the remainder of the study, gaining body weight over the entire observation period.

CONCLUSION: SABRE Red 10% OC, 2MM SHU, 1.33% Major Capsaicinoid, Oleoresin Capsicum formulation was not toxic to the male and female rats when they were exposed to a concentration of 100.50 mg/L. The concentration of 100.50 mg/L is a ten fold increase in dose of 3 1-second bursts from the duty belt SABRE Red Aerosol Projectors in the back seat of a police vehicle over the period of one hour.