



UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

# REPORT OF ANALYSIS

1. SAMPLE NO.

\* MP 473

2. DATE COLLECTED

09/15/75 (from mfg)

3. REGION

Dr. E. Paynter, Tox. Br.

## SAMPLE IDENTIFICATION

4. LOT OR CODE NO(S).

5. EPA REGISTRATION NO.

4822-7

6. ESTABLISHMENT NO.

7. PRODUCT NAME

"Offi" Insect Repellent

8. PRODUCER NAME AND ADDRESS (Include ZIP code)

S.C. Johnson & Son Inc., 1525 Howe St.,  
Racine, WI 53403

9. DEALER NAME AND ADDRESS (Include ZIP code)

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10. PHYSICAL FORM

EMULS. CONC.

X

PRESS. SPRAY

DUST

GRANULAR

WET. POWDER

AEROSOL

BAIT

OTHER

11. INGREDIENTS

N,N-diethyl-meta-toluamide

\* MP = Pharmacology Laboratory designation.

## TEST

12. TYPE OF TEST

Ocular  
Damage

13. TEST ORGANISM(S)

Albino rabbits, N.Z. str.  
(6 rabbits = 6 eyes)

14. METHOD NO.

Draize

15. DURATION

14 days

16. CONCENTRATION

17. DILUENT

None

18. SUMMARY

The product produced pain at application followed by severe inflammation of the lids. Corneal edema and opacity of varying degrees were observed through the 7th day in 5 eyes; 1 eye showed corneal opacity and conjunctivitis through the 14th day. The product is a severe, temporary ocular irritant, particularly to the conjunctivae.

19. RESULTS

### Weighted Average Total Scores

	24 hrs	48 hrs	72 hrs	96 hrs	7th day	14th day
Cornea (Maximum 80)	20	26.7	33.3	33.3	26.7	33
Iris (Maximum 10)	5	9.2	8.3	8.3	4.2	0
Conjunctiva (Maximum 20)	16.3	15.7	16.3	16.3	9.3	1

20. TESTER'S INITS.

A.A.

21. SIGNATURE OF LAB SUPERVISOR

A.Arce, Acting:

22. LABORATORY Pharmacology,  
Beltsville, Md.

23. DATE

12/08/75