

OCTAGON PROCESS INC.  
596 RIVER ROAD, EDGEWATER, N. J.

# Insect Repellent—Clothing Application

MIL-I-51022 AM. I

Active ingredient  
Benzyl benzoate  
Inactive ingredient  
Polyoxyethylene 20 sorbitan mono-oleate

Percent  
90

JUL 18 1952

## CAUTION

UNDER THE PROVISIONS OF THE FEDERAL INSECTICIDE ACT, THIS PRODUCT IS REGISTERED FOR DISTRIBUTION AND USE IN THE UNITED STATES OF AMERICA.

HARMFUL IF SWALLOWED.

### DIRECTIONS FOR USE

(At temperatures below 65° F, solidification may occur. Liquefaction may be accomplished by a gentle warming of the container.)

**TO IMPREGNATE CLOTHING FOR PROTECTION AGAINST MITES HAND IMPREGNATION:** The following procedure applies to DRY CLOTHING ONLY:

Prepare a stock emulsion by adding 1 part of concentrate to 18 parts of water with thorough mixing. The stock should be stirred occasionally to maintain the emulsion. Do not reuse emulsion not absorbed by the uniform. Uniforms should be impregnated at the rate of 3½ pints of stock emulsion per uniform (cotton or wool). Place 1 or more uniforms in a container and thoroughly wet with required quantity of stock emulsion. Remove clothing from container, wring out excess emulsion, and dry on a flat surface, if possible. Do not wear uniforms until completely dry. Any reimpregnation should be carried out as described above.

**MACHINE IMPREGNATION:** The following procedure outlines the method for impregnating clothing during laundering and for impregnating clean clothing by machine. Any reimpregnation should be carried out in the same manner.

**COTTON CLOTHING:** Thoroughly mix 7 pints of concentrate with 4 gallons of water heated to approximately 100° F. This quantity of emulsion will impregnate 60 pounds of dry cotton uniforms (20 fatigue jackets and 20 pairs of fatigue trousers). After the last rinse or after clean clothing is thoroughly wet, drain the washer, revolving the drum for 2 minutes to remove excess water from the clothing and to insure complete drainage of the reservoir. Add the prepared emulsion and operate the washer for 5 minutes. Drain washer. Extract excess fluid from clothing for 3 minutes. Tumble dry for 10 minutes at 200° F.

**WOOL CLOTHING:** To impregnate 60 lbs. of dry wool uniforms (14 shirts and 14 pairs of trousers), add 3½ pints of concentrate to 4 gallons of water heated to approximately 100° F. Proceed as described for cotton clothing but dry at a temperature no greater than 140° F.

**CAP IMPREGNATION:** When treating caps, hold by the bill, dipping only the crown, to prevent damage to the laminated visor by the emulsion.

**NOTES.** Untreated shorts should be worn under treated uniforms to prevent any possible skin irritation in the groin.

This concentrate is not for use on humans.

ACCEPTED FOR REGISTRATION  
ED 51022-1  
TO 1-51022