



63120-3

12/18/2003

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

1/10

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

DEC 18 2003

JoLane D. Souris, CHMM
USAMRMC Command Environmental Manager
U.S. Army Medical Research & Material Command
MCMR-ZC-S
504 Scott Street
Fort Detrick, MD 21702-5012

Subject: Amendment - Update First Aid and Disposal Statements
Insect/Arthropod Repellent Protective Treatment
for Military Battle Dress Uniform
EPA Registration No. 63120-3
Your submission dated August 26, 2003

Dear Ms. Souris:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable, subject to the comments listed below. A stamped copy of the label has been enclosed for your records.

1. Revise the PRECAUTIONARY STATEMENTS section of the label for the treatment bags and the bottle pouch to read "Corrosive. Causes irreversible eye damage. Do not get concentrate in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed. Wash thoroughly with soap and water after handling fluid, container, or wet treated uniform and before eating and smoking."
2. Move the following statements to the "Directions for Use" section of both labels: "Do not apply to skin. Keep away from food, mess gear, and water supplies. Thoroughly wash mess gear if contaminated with this product. Use protective gloves when mixing to avoid accidental exposure to concentrated Permethrin should spillage occur."
3. Add "See Directions and Precautions in the enclosed circular" to the 9 ml bottle and outer kit labels.
4. Add "Contains petroleum distillates" beneath the ingredients statements.

5. You may delete the "If Inhaled" and "If On Skin" first aid statements since these routes of exposure are in Toxicity Category IV.

If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

LABEL FOR TREATMENT BAGS SIDE A

**INSECT/ARTHROPOD REPELLENT
PROTECTIVE TREATMENT FOR MILITARY BATTLE DRESS UNIFORM**

**FOR MILITARY USE ONLY
OUTER CLOTHING TREATMENT ONLY**

EPA Reg. NO. 63120-3

EPA Est. No.

ACTIVE INGREDIENT:

Permethrin*40.00%

INERT INGREDIENTS:60.00%

TOTAL 100.00%

*(3-phenoxyphenyl) methyl (±) cis-trans-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate;
cis/trans isomers ratio: min 35% (±) *cis* and max 65% (±) *trans*

NET CONTENTS: 0.3 oz (9 ML) per bottle (2 bottles per package)

**DANGER
KEEP OUT OF REACH OF CHILDREN**

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

Produced and Packaged for:
DEPARTMENT OF DEFENSE
DEFENSE GENERAL SUPPLY CENTER
RICHMOND, VIRGINIA 23297-5000

ACCEPTED
with COMMENTS
by EPA Testing Center
DEC 18 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registered under EPA Reg. No.
631203

LABEL FOR TREATMENT BAGS SIDE A CONTINUED

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

DANGER

**HARMFUL IF SWALLOWED OR INHALED
CAUSES IRREVERSIBLE EYE DAMAGE**

DO NOT APPLY TO SKIN. For military field uniform treatment only. Keep away from food, mess gear, and water supplies. Thoroughly wash mess gear if contaminated with this product. Avoid breathing vapors or contact with face, eye, or skin. Wash thoroughly after handling fluid, container, or wet treated uniform and before eating and smoking. Use protective gloves when mixing to avoid accidental exposure to concentrated Permethrin should spillage occur.

FIRST AID FOR EXPOSURE TO PERMETHRIN IN SMALL BOTTLES

IF IN EYES:	<ul style="list-style-type: none"> * Hold eye open and rinse slowly and gently with water for 15-20 minutes. * Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. * Call a poison control center for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> * Immediately call a poison control center or doctor for treatment advice. * Do not induce vomiting unless told to do so by a poison control center or doctor. * Do not give any liquid to the person. * Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> * Move person to fresh air. * If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. * Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> * Take off contaminated clothing. * Rinse skin immediately with plenty of water for 15-20 minutes. * Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment advice.

NOTE TO PHYSICIAN

This product contains a pyrethroid and a petroleum solvent. The possibility of aspiration pneumonia must be considered. The product can cause severe eye damage; ophthalmology consultation is recommended. Mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARD

This pesticide is extremely toxic to fish and other aquatic organisms. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

LABEL FOR TREATMENT BAGS SIDE A CONTINUED**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Treated uniform provides protection to covered areas of body from bites of mosquitoes, ticks, chiggers, and human body lice.

NSN 6840-01-345-0237

Military Specification MIL-DTL-44410A

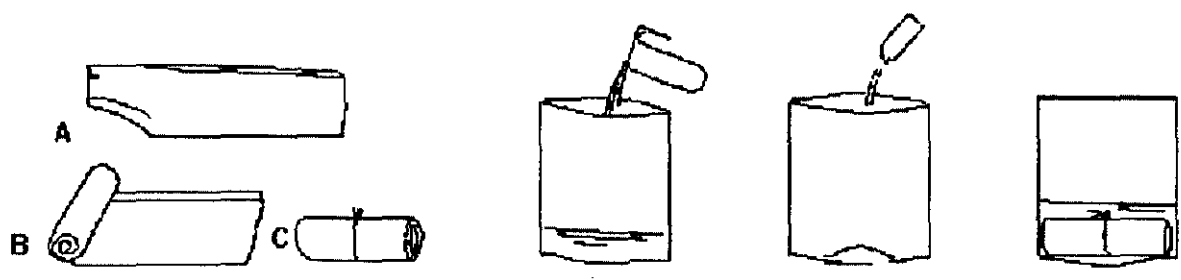
Application Procedure: Use protective gloves when mixing to avoid accidental exposure to concentrated Permethrin. Pour 450 mL (15 ounces) of clear water into bag. Pour contents of 1 bottle Permethrin into bag. Ziplock bag and shake 2 times to mix. Unzip bag, place rolled and tied coat or trousers in bag. Ziplock, shake 2 times and let stand 2 ½ hours or more. Unzip bag, remove garment and hang for 3 hours or until dry. When dry, garment is ready to wear. Mark uniform with date of treatment. **DO NOT RETREAT UNIFORMS;** one treatment is effective for life of the uniform. **DO NOT TREAT UNDERWEAR OR CAP.**

STORAGE AND DISPOSAL

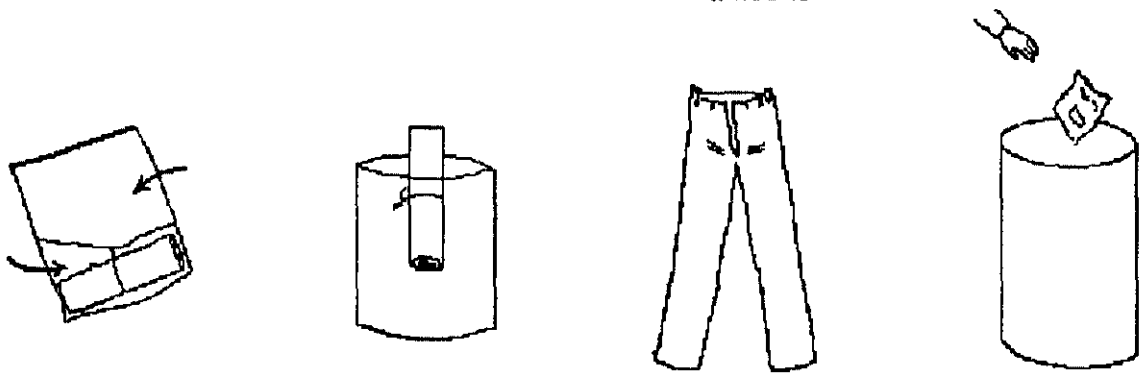
STORAGE: Do not store at temperatures below 40°F (4.5°C). Store product in original container in a locked storage area. Store and transport in upright position.

DISPOSAL: *If empty* – Do not reuse empty impregnation bags or other materials. Place all impregnation kit components in one treatment bag, zip closed and put in trash. Do not rinse unless required for recycling. *If partially filled* – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Unless otherwise instructed, place in the trash. Never pour unused product down the drain or on the ground.

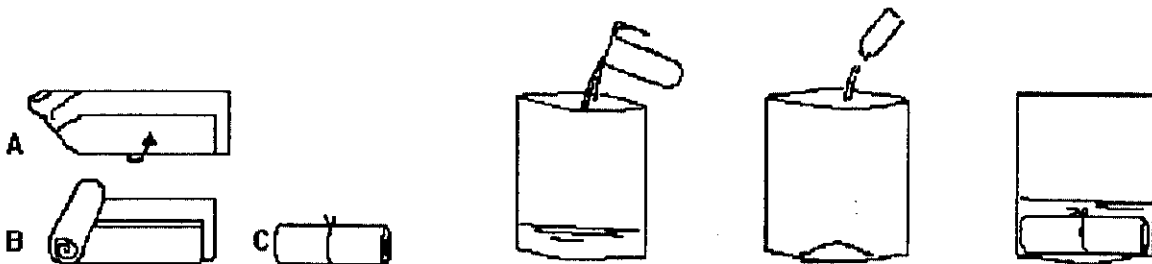
TROUSER LABEL FOR TREATMENT BAG SIDE B



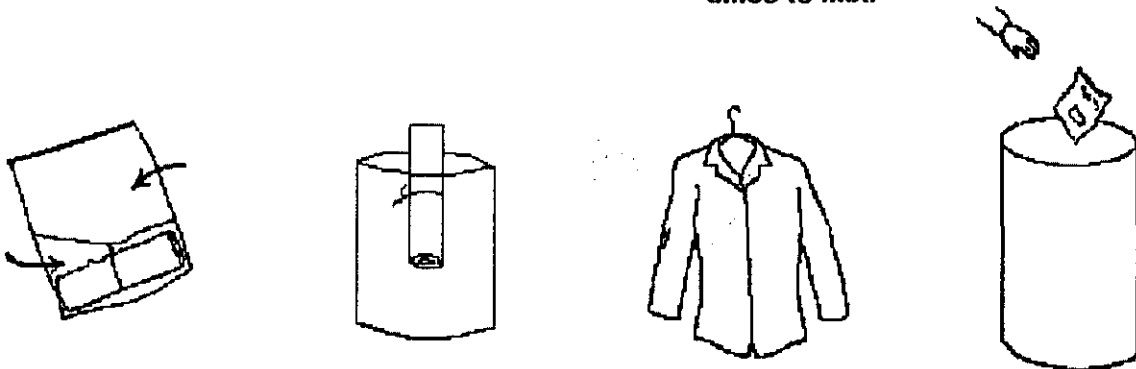
1. Lay trousers flat, fold leg to leg and roll tightly. Tie middle of roll tightly with string.
2. Pour 450 mL (15 ounces) of clear water into bag.
3. Empty contents of one bottle into bag, drop bottle and cap into bag. Hold upright and gently shake 2 times to mix.
4. Place rolled trousers into bag and zip lock.



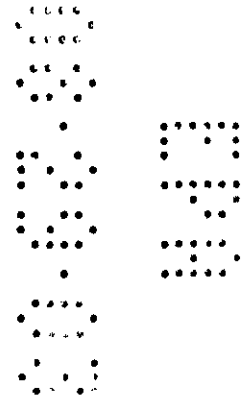
5. Gently shake bag 2 times and then let rest at least 3 hours.
6. Unzip bag and remove roll.
7. Untie string and hang trousers for 3 hours or until dry and trousers are ready to wear. Mark "Permethrin Treated" inside the waste band.
8. Dispose of bags, string, bottles in designated trash receptacles.



1. Lay coat flat, fold sleeves across front, fold shoulder to shoulder and roll tightly. Tie middle of roll tightly with string.
2. Pour 450 mL (15 ounces) of clear water into bag.
3. Empty contents of one bottle into bag, drop bottle and cap into bag. Hold upright and gently shake 2 times to mix.
4. Place rolled coat into bag and zip lock.



5. Gently shake bag 2 times and then let rest at least 3 hours.
6. Unzip bag and remove roll.
7. Untie string and hang coat for 3 hours or until dry and coat is ready to wear. Mark "Permethrin Treated" inside the collar.
8. Dispose of bags, string, bottles in designated trash receptacles.



LABEL FOR BOTTLE POUCH

**INSECT/ARTHROPOD REPELLENT
PROTECTIVE TREATMENT FOR MILITARY BATTLE DRESS UNIFORM
FOR MILITARY USE ONLY
OUTER CLOTHING TREATMENT ONLY**

EPA Reg. NO. 63120-3

EPA Est. No.

ACTIVE INGREDIENT:

Permethrin*40.00%

INERT INGREDIENTS:60.00%

TOTAL 100.00%

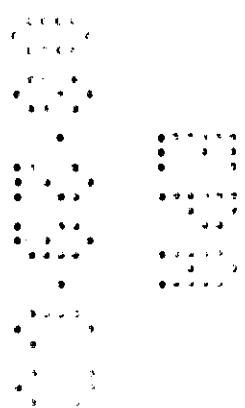
*(3-phenoxyphenyl) methyl (±)cis-trans-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate;
cis/trans isomers ratio: min 35% (±) *cis* and max 65% (±) *trans*

NET CONTENTS: 0.3 oz (9 ML) per bottle (2 bottles per package)

**DANGER
KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
DANGER**

**HARMFUL IF SWALLOWED OR INHALED
CAUSES IRREVERSIBLE EYE DAMAGE**

DO NOT APPLY TO SKIN. For military field uniform treatment only. Keep away from food, mess gear, and water supplies. Thoroughly wash mess gear if contaminated with this product. Avoid breathing vapors or contact with face, eye, or skin. Wash thoroughly after handling fluid, container, or wet treated uniform and before eating and smoking. Use protective gloves when mixing to avoid accidental exposure to concentrated Permethrin should spillage occur.



LABEL FOR BOTTLE POUCH CONTINUED**FIRST AID FOR EXPOSURE TO PERMETHRIN IN SMALL BOTTLES**

IF IN EYES:	<ul style="list-style-type: none"> * Hold eye open and rinse slowly and gently with water for 15-20 minutes. * Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. * Call a poison control center for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> * Immediately call a poison control center or doctor for treatment advice. * Do not induce vomiting unless told to do so by a poison control center or doctor. * Do not give any liquid to the person. * Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> * Move person to fresh air. * If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. * Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> * Take off contaminated clothing. * Rinse skin immediately with plenty of water for 15-20 minutes. * Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment advice.

NOTE TO PHYSICIAN

This product contains a pyrethroid and a petroleum solvent. The possibility of aspiration pneumonia must be considered. The product can cause severe eye damage; ophthalmology consultation is recommended. Mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARD

This pesticide is extremely toxic to fish and other aquatic organisms. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

PHYSICAL OR CHEMICAL HAZARDS

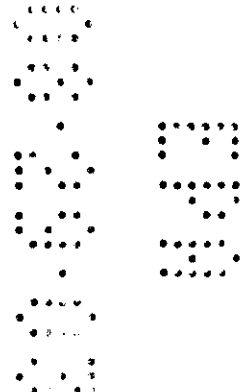
Do not use or store near heat or open flame.

DIRECTIONS FOR USE

See directions in the enclosed circular and/or on ziplock bag.

Produced and Packaged for:

DEPARTMENT OF DEFENSE
DEFENSE GENERAL SUPPLY CENTER
RICHMOND, VIRGINIA 23297-5000



LABEL for 9 ml BOTTLE

9 ml of Permethrin
 Insect/Arthropod Repellent
 Active Ingredients:
 Permethrin 40.00%
 Inert Ingredients 60.00%
 TOTAL 100.00%

FOR MILITARY USE ONLY
 DANGER
 KEEP OUT OF REACH OF CHILDREN

OUTER KIT BAG LABEL

INSECT/ARTHROPOD REPELLENT
PROTECTIVE TREATMENT FOR MILITARY BATTLE DRESS UNIFORM
 NSN 6840-01-345-0237 Military Specification MIL-DTL-44410A
 EPA Reg. NO. 63120-3 EPA Est. No.

NET CONTENTS: 0.3 oz (9 ML) per bottle (2 bottles per package)

TREATMENT OF BATTLE DRESS UNIFORM PROVIDES PROTECTION FROM BITES OF MOSQUITOES,
TICKS, CHIGGERS AND HUMAN BODY LICE

FOR MILITARY USE ONLY
 OUTER CLOTHING TREATMENT ONLY
 DO NOT APPLY TO SKIN

ACTIVE INGREDIENT:
 Permethrin..... 40.00%
 Inert Ingredients..... 60.00%
 TOTAL 100.00%

*(3-phenoxyphenyl) methyl (±) cis-trans-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate
 cis/trans isomers ratio: min 35% (±) *cis* and max 65% (+) *trans*

DANGER
 KEEP OUT OF REACH OF CHILDREN

