

US EPA ARCHIVE DOCUMENT



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

September 27, 2006

Mr. Timothy H. Dickens, PhD.
Scientific Coordination, Inc.
4629 Cherry Valley Drive
Rockville, MD 20853

Subject: Submission of a label amendment with alternate advisory statements.
EPA Registration No. 54287-8
Product Name: INSECT GUARD II
Date of Submission: April 17, 2006

Dear Dr. Dickens;

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Revise the marketing claim as follows: "Provides 95% or greater protection against mosquitoes for up to 4 hours"

A stamped copy of the draft label is enclosed for your records. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If you have any questions, you may contact Richard J. Gebken, at (703) 305-6701.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Gebken".

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505C)

Enclosure

INSECT GUARD II

ACTIVE INGREDIENTS:

DEET	17.5 %
N-octyl bicycloheptene dicarboximide*	5.0 %
Di-n-propyl isocinchomeronate**	2.5 %
OTHER (INERT) INGREDIENTS	75.0 %
Total	100.0 %

*MGK 264, Insecticide Synergist
 **MGK Repellent 326
 MGK® - Registered trademark of McLaughlin Gormley King Co.

Keep Out of Reach of Children
WARNING

See back panel for additional precautionary statements.

NET CONTENTS: ____ oz.

Optional Marketing Claims

- Repels Mosquitoes, Chiggers, Ticks, Black Flies Also Deerflies, Gnats, Stable Flies and Fleas on Exposed Skin Surfaces
- Repels mosquitoes that may carry West Nile virus.
- Contains DEET to Repel Mosquitoes Plus R-326 to Repel Flies
- Lotion

Key

[Optional / Alternate text]

NOTE: The First Aid Statement and format will be used if market label space permits otherwise use a paragraph format will be used.



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **Read and follow all directions and precautions on this product label.**

Shake well before using.

Rub a thin uniform layer on exposed skin. Use just enough repellent to cover exposed skin, do not use under clothing. Avoid over-application. Do not apply near eyes and mouth and apply sparingly around ears. Do not apply to children's hands. Do not allow children to handle this product. When using on children, apply to your own hands and then put it on the child. (Instruct older children in the proper use of this product.) Do not apply over cuts, wounds or irritated skin.

After returning indoors, wash treated skin with soap and water. Wash treated clothing before wearing it again.

May damage certain synthetic fabrics; acetate, spandex, rayon and leather and plastics such as eyeglasses and watch crystals. [Will not damage cotton, wool, or nylon.] Do not apply on or near acetate, rayon, spandex, or other synthetics, furniture, plastics, watch crystals, leather and painted or varnished surfaces including automobiles.]

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry area away from heat or open flame.

DISPOSAL: If empty, do not reuse this container. Place in trash or offer for recycling if available. If partly filled: call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals -

WARNING: Causes substantial but temporary eye injury. Do not get in eyes. Due to irritating nature, may be harmful if swallowed. Use of this product may cause skin reactions in rare cases. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

- If in eyes:**
- 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 eye.
 - Call a poison control center or doctor for treatment advice.

- If swallowed:**
- Call poison control center or doctor immediately for treatment advice.
 - Have person sip a glass of water if able to swallow.
 - Do not induce vomiting unless told to do so by a poison control center or doctor.
 - Do not give anything by mouth to an unconscious person.

- If you suspect a reaction to this product:**
- Discontinue use;
 - 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 with you when calling a poison control center or doctor, or going for treatment. For additional information in case of emergency call toll free 1-800-940-4464.

EPA Reg. No. 54287-8 EPA Est. No. 54287-FL-1

Associated Registrations
 P.O. Box 188
 Safety Harbor, FL 34695

[For product information call: 1-800-940-4464
 Weekdays from 9-5 EST]

54287-8 Amend.Final04-14-06

ACCEPTED
 with COMMENTS
 In EPA Letter Dated
 SEP 27 2006

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 54287-8

MATERIAL SAFETY DATA SHEET

Insect Guard II

1. Company Identification

Associated Registrations, Inc. Safety Harbor FL 34695 Telephone Number: 800-356-7811 Fax Number: 727-725-1954 Emergency Telephone Number: 800-356-7811 Issue Date 5-Sep-06 Replaces Issue Date: : 17-Aug-06	Manufacturer Sawyer Products Safety Harbor FL 34695 Product Description: Personal Insect Repellent EPA Registration No.: 54287-8 Product Code: None Assigned
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2. Composition/Information on Ingredients

Chemical Name	CAS Number	Percent
Deet	134-62-3	17.50
N-octyl bicycloheptene dicarboximide	113-48-4	5.00
Di-n-propyl isocinchomeronate	136-45-8	2.50
Inert Ingredients	Not Established	75.00

Ingredients not identified are proprietary or nonhazardous. Values are not product specifications.

3. Hazards Identification

Primary Route(s) of Entry None Known Eye Hazards: Not a primary eye irritant, but contact with eyes may cause mild, transient irritation. Skin Hazards:: None Known Ingestion Hazards: None Known Inhalation Hazards: None Known

4. First Aid Measures

<p>Eye In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if worn. Call a medical officer, poison control center or doctor for further treatment advice.</p> <p>Ingestion If swallowed, consult a physician immediately.</p> <p>Signs And Symptions Of Overexposure: Eye Contact: Redness, Swelling, Pain, Tearing, and Hazy Vision. In rare occasions, children have had reactions characterized by diarrhea and vomiting from gross overexposure to deet, the active ingredient in this product.</p>

5. Fire Fighting Measures

Flash Point: >200°F Lower Explosive Limit: NE	Flash Point Method: TCC Upper Explosive Limit: NE
Fire and Explosion Hazards None Known	
Extinguishing Media In case of fire, use water spray, CO2, Dry Chemical, or Foam	
Fire Fighting Instructions None Known	

6. Accidental Release Measures

Soak up with absorbent, shovel into waste container, flush area with water.

7. Handling and Storage

Handling and Storage Precautions

Do not store over 160°F. Material may separate.

Handling Precautions

Avoid contact with eyes and lips.

Storage Precautions

Keep away from heat.

Work/Hygienic Practices

Follow Label Directions.

8. Exposure Controls/Personal Protection

Engineering Controls: None Known

Eye/Face Protection: None Known

Skin Protection: Non Known

Respiratory Protection: None normally required

9. Physical and Chemical Properties

Appearance: Peach Cream

Melting Point: Not applicable

Odor: Slightly sweet fragrance

Boiling Point: Not applicable

Specific Gravity: .99

% Low VOC: Not applicable

% Medium VOC: Not applicable

Solubility: Oil: NA Water: NA

Evaporation Rate: Not applicable

Shelf Life: 4 years

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Condition to Avoid (Stability)

Do not store when temperatures exceed 160° F. Exposure to temperatures above 160° F may cause material to separate.

Incompatible Materials

None Known

Hazardous Decomposition Products

None Known

Conditions to Avoid

None Known

11. Toxicological Information

No Data Available

12. Ecological Information

No Data Available

13. Disposal Considerations

Dispose of in accordance with all applicable Federal, State and Local regulations. Material collected with absorbent may be disposed of in a permitted landfill in accordance with Federal, State, and Local regulations.

14. Transport Information

U.S. Department of Transportation (DOT) information: Not considered hazardous by DOT Title 49 regulations. Proper Shipping Name: N/A. Hazard Class: N/A. Identification Number (UN or NA): NA Packing Group: N/A. International Transportation Regulations: ICAO/IATA Description: Not considered hazardous by IATA regulations for transportation via air. IMO Description (IMDG Code): Not considered hazardous by IMO Regulations for Transportation via vessel.

15. Regulatory Information

US Regulatory Information

This product is a pesticide and is exempt from the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory

EPA Reg. No.: 54287-8

SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372

16. Other Information

Precautionary Label

WARNING: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION

Wash thoroughly after handling and before eating or smoking.

Disclaimer

The information contained herein is believed to be accurate whether originating with Associated Registrations or not. Associated Registrations provides no warranty either express or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable, and suitable to their circumstances.



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

September 28, 2006

Mr. Timothy H. Dickens, PhD.
Scientific Coordination, Inc.
4629 Cherry Valley Drive
Rockville, MD 20853

Subject: Submission of a label amendment with alternate advisory statements.
EPA Registration No. 50404-8
Product Name: Coulston's Duranon Insect Repellent
Date of Submission: April 17, 2006

Dear Dr. Dickens;

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Revise the marketing claim as follows: "Provides 95% or greater protection against mosquitoes for up to 4 hours"
2. Modify the following marketing claim by removing the text shown in ~~strikeout~~ below:

20% DEET IN A ~~NON-ALCOHOL~~
CONTROLLED RELEASE FORMULA

Statements or claims that express the absence of certain ingredients are misleading statements prohibited by the Agency's labeling regulation. These claims are examples of a true statement used in such a way as to give a false and misleading impression to the purchaser. Even though a claim expressing the absence of an ingredient is true, it could be misleading if it is used in a way to falsely suggest to the potential purchaser that the product is in some way less risky, better, or more desirable than a product containing the ingredient in question. Further, a product must not claim that it does not contain an ingredient if it never contained the substance in the first place.

3. Remove the following claim¹:

Contains DEET as recommended by the
Centers for Disease Control
www.cdc.gov/ncidod/dvbid/westnile/index.htm

¹ 40 CFR 156.10 (a)(5) in part states the following:

"(5) False or misleading statements. Pursuant to section 2(q)(1)(A) of the Act, a pesticide or a device declared subject to the Act pursuant to § 152.500, is misbranded if its labeling is false or misleading in any particular including both pesticidal and non-pesticidal claims. Examples of statements or representations in the labeling which constitute misbranding include:

(v) Any statement directly or indirectly implying that the pesticide or device is recommended or endorsed by any agency of the Federal Government;"

4. Remove the following claim:

“Compatible with Sun Block”

This non-pesticidal claim is potentially false and misleading about the safety of the product.

A stamped copy of the draft label is enclosed for your records. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If you have any questions, you may contact Richard J. Gebken, at (703) 305-6701.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Gebken". The signature is fluid and cursive, with a long horizontal stroke at the end.

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505C)

Enclosure

**Coulston's®
DURANON® INSECT REPELLENT**

PROVIDES 95% OR GREATER PROTECTION AGAINST MOSQUITOES FOR 4 OR MORE HOURS

20% DEET IN A NON-ALCOHOL CONTROLLED RELEASE FORMULA

INSECT REPELLENT ● LOTION ● REPELS MOSQUITOES

ODORLESS AFTER APPLICATION TIME RELEASE [DEET] FORMULA

LOW DEET ABSORPTION FORMULA

ODORLESS TIME-RELEASE FORMULA

Family Insect Repellent Controlled Release Odorless **Double Protection—Use With Family-Clothing-Repellent**

Contains DEET as recommended by the Centers for Disease Control www.cdc.gov/ncidod/dvbid/westnile/index.htm

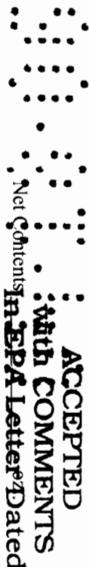
Non-Greasy Compatible with Sun Block Visit www.sawyer.com to Learn More Or Ask Your Doctor

ACTIVE INGREDIENTS: DEET (CAS No. 134-62-3) 20.00%
OTHER INGREDIENTS 80.00%
TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS [SEE ADDITIONAL PRECAUTIONS ON BACK PANEL]



This Coulston Controlled Release insect repellent uses the patented "Sub Micron Encapsulation" technology as developed by Coulston Products Inc. This process evens out the evaporation rate of DEET by encapsulating the DEET in a protein. Each application provides effective protection while at the same time limiting the skin's exposure to DEET thereby significantly reducing possible dect absorption.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Avoid contact with eyes. Use of this product may cause skin reactions in rare cases. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash treated clothing before wearing it again. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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, continue rinsing the eye. • Call a poison control center or doctor for treatment advice.
If you suspect a reaction to this product	<ul style="list-style-type: none"> • Discontinue use. • 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.	<p>Questions ???: 800-940-4464, Weekdays from 9-5 EST.</p>

NOTE: The First Aid statement's grid format will be used if market label space permits; otherwise a paragraph format will be used.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all directions and precautions on this product label. SHAKE WELL BEFORE USING.
Skin application: Squeeze into one hand, rub hands together and apply thoroughly in a thin layer to the forearms. Use additional lotion for upper arms. Repeat for other exposed areas. To apply to face, squeeze lotion into palm of hand and spread on face and neck. Do not apply near eyes and mouth. Apply sparingly around ears. Do not apply to children's hands. Do not allow children to handle this product. When using on children, apply to your own hands and then put it on the child. Do not allow children to not use under clothing. Avoid over-application of this product. Frequent reapplication and saturation is unnecessary for effectiveness. After returning indoors wash treated skin with soap and water. May damage certain synthetic fabrics, acetate, spandex and rayon nylon. [Will not damage cotton, wool, or nylon.] Do not apply on or near acetate, rayon, spandex, or other synthetics, furniture, plastics, watch crystals, leather and painted or varnished surfaces including automobiles.]

Coulston's® Duranon® Insect Repellent – Amendment Reference Label

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool and dry place. Keep out of reach of children.

If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

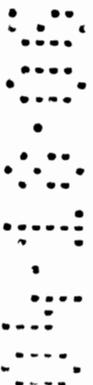
EPA Reg. No. 50404-8 EPA Est. No. 54287-FL-01
COLLSTON PRODUCTS INC., BOX 30, EASTON, PA
18044-0030

® Reg'd TM & TM - Trademarks of Coulston Products Inc.
50404-8-AmendRef-041706

[] Indicates Alternate Verbiage

Underlined denotes new verbiage.

~~Single strikethrough~~ denotes deleted/replaced verbiage



MATERIAL SAFETY DATA SHEET

Page 1 of 4

Coulston Products Inc.
P.O. Box 30
Easton, PA 18044

Date-I ssued: 08/31/1997
MSDS Ref. No: 01
Date-Revised: 05 sep 2006
Revision No: 03

DURANON INSECT REPELLENT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DURANON INSECT REPELLENT

PRODUCT DESCRIPTION: Personal Insect Repellent.

PRODUCT CODE: None Assigned

EPA REGISTRATION NO.: 50404-8

MANUFACTURER: Coulston Products Incorporated

Product Stewardship: 1-800-940-4464

Customer Service: 1-800-940-4464

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC U.S. and CANADA: (800) 424-9300

CHEMTREC All Other Areas: (703) 527-3887

Emergency Phone (888) 740-8712

COMMENTS:

For information regarding MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call the INTERNATIONAL POISON CENTER at 1-888-740-8712 24 hrs a day.

2. COMPOSITION / INFORMATION ON INGREDIENTS

	Wt. %	CAS#	ACGIH TLV
N,N-diethyl-m-Toluamide (DEET)	20	134-62-3	N/A

COMMENTS:

Ingredients not identified are proprietary or nonhazardous. Values are not product specifications.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS:

CAUTION: Avoid contact with eyes. Use of this product may cause skin reactions in rare cases. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash treated clothing before wearing it again. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet..

POTENTIAL HEALTH EFFECTS

EYES: May cause eye injury.

SKIN: Avoid contact with eyes and lips. May cause skin reaction in rare cases.

INGESTION: Harmful if swallowed.

INHALATION: Avoid breathing spray mist or using in an enclosed area.

CHRONIC: Not established

4. FIRST AID MEASURES

EYES: 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 eye. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Remove affected person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention immediately.

If you suspect a reaction to this product:

Discontinue use; 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.

MATERIAL SAFETY DATA SHEET

Page 2 of 4

Coulston Products Inc.
P.O. Box 30
Easton, PA 18044

Date-I ssued: 08/31/1997
MSDS Ref. No: 01
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Revision No: 03

DURANON INSECT REPELLENT

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 170°F TCC
FLAMMABLE LIMITS: Lower: NE Upper: NE
AUTOIGNITION TEMPERATURE: NA
FIRE EXTINGUISHING MEDIA: CO₂, Foam or Dry Chemical
FIRE FIGHTING PROCEDURES:
Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

Wipe up with absorbent material. Wash small quantities away with soapy water. Prevent bulk quantities from entering open sewers and waterways.

Waste Disposal:

Dispose of all wastes in accordance with Federal, state and local regulations.

7. HANDLING AND STORAGE PRECAUTIONS

Do not store where temperature exceeds 130°F

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear OSHA-approved safety glasses, goggles or face shield.

SKIN: Wear chemically impervious gloves such as Neoprene or Nitrile and protective clothing.

RESPIRATORY: In absence of proper mechanical ventilation, wear a NIOSH approved organic vapor respirator.

PROTECTIVE CLOTHING: Wear chemically impervious gloves, such as neoprene or nitrile. Wear leather shoes and long pants and long sleeve shirt.

WORK HYGIENIC PRACTICES:

DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Lotion
ODOR: Slight (deet)
APPEARANCE: Milky white
pH: 7.1 – 7.25
PERCENT VOLATILE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: Not Available
FREEZING POINT: Not Available
MELTING POINT: Not Applicable
SOLUBILITY IN WATER: Miscible
SPECIFIC GRAVITY: 0.98 (water=1) at 20°C
EVAPORATION RATE: Not Available

MATERIAL SAFETY DATA SHEET

Page 3 of 4

Coulston Products Inc.
P.O. Box 30
Easton, PA 18044

Date-I ssued: 08/31/1997
MSDS Ref. No: 01
Date-Revised: 05 sep 2006
Revision No: 03

DURANON INSECT REPELLENT

10. STABILITY AND REACTIVITY

STABLE: YES HAZARDOUS POLYMERIZATION: NO
CONDITIONS TO AVOID: Temperatures above 130°F

11. TOXICOLOGICAL INFORMATION

GENERAL COMMENTS: No data available.

COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: None Available

13. DISPOSAL CONSIDERATIONS

Pesticide Storage: Store in a cool and dry place. Keep out of reach of children.

If empty: Do not reuse container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Consumer Commodity

PRIMARY HAZARD CLASS/DIVISION: ORM-D

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation. (40 CFR 355). There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control ACT inventory reporting requirements.

MATERIAL SAFETY DATA SHEET

Page 4 of 4

Coulston Products Inc.
P.O. Box 30
Easton, PA 18044

Date-I ssued: 08/31/1997
MSDS Ref. No: 01
Date-Revised: 05 sep 2006
Revision No: 03

DURANON INSECT REPELLENT

16. OTHER INFORMATION

REVISION SUMMARY: Updated MSDS

HMIS CODES

FIRE: 0 HEALTH: 2 REACTIVITY: 0

HMIS RATINGS NOTES:

We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he must ensure that the proper personal protective equipment is provided consistent with the information contained in sections 7 and 8 of this MSDS.

COMMENTS:

The data contained herein is based on information currently available to Coulston Products Inc. and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which Coulston Products Inc. assumes legal responsibility.
MSDS Prepared by Scientific Coordination, Inc.

DermAegis LipoDEET Insect Repellent 302

Provides Protection Against Mosquitoes for Up to 4 Hours

30% DEET

Insect Repellent ● Lotion ● Repels Mosquitoes

Odorless After Application

Repels biting insects for up to 4 hours

Effective Unscented Protection From Mosquitoes, Gnats, No-See-Ums, Sand Flies, Biting Flies, Deer Flies, Stable Flies, Black, Flies, Ticks, Chiggers, Red Bugs and Fleas

Just the right protection around the home and backyard

Non-greasy ● Non Staining ● Resists Perspiration

ACTIVE INGREDIENTS:

DEET (CAS No. 134-62-3)	30.00%
OTHER INGREDIENTS	70.00%
TOTAL:	100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents _____ oz..

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Avoid contact with eyes. Use of this product may cause skin reactions in rare cases. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash treated clothing before wearing it again. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

If Swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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, continue rinsing the eye. Call a poison control center or doctor for treatment advice.
If you suspect a reaction to this product	<ul style="list-style-type: none"> Discontinue use. 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. Questions ??? : 858-259-5659	

NOTE: The First Aid statement's grid format will be used if market label space permits; otherwise a paragraph format will be used.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all directions and precautions on this product label. **SHAKE WELL BEFORE USING.**

Skin application: Squeeze into one hand, rub hands together and apply thoroughly in a thin layer to the forearms. Use additional lotion for upper arms. Repeat for other exposed areas. To apply to face, squeeze lotion into palm of hand and spread on face and neck. Do not apply near eyes and mouth. Apply sparingly around ears. Do not apply to children's hands. Do not apply over cuts, wounds or irritated skin. When using on children, apply to your own hands and then put it on the child. Do not allow children to handle this product. Use just enough repellent to cover exposed skin and/or clothing. Wipe excess from hands after applying. Do not use under clothing. Avoid over-application of this product. Frequent reapplication and saturation is unnecessary for effectiveness. After returning indoors wash treated skin with soap and water. May damage certain synthetic fabrics, acetate, spandex and nylon. If you suspect a reaction to this product, discontinue use, wash treated skin, and call your local poison control center. If you go to a doctor, take this product with you.

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool and dry place. Keep out of reach of children.
If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

EPA Reg. No. 82810-1 EPA Est. No. 54287-FL-01
 DermAegis, Inc.
 4747 Plummer Ct.
 San Diego, CA 92130

MATERIAL SAFETY DATA SHEET

Page 1 of 4

DermAegis, Inc.
5730 Clarendon Drive
Rockford, IL 61114

Date-Issued: 02/02/2005
MSDS Ref. No: 01
Date-Revised: 05 SEP 2006
Revision No: 02

LIPODEET INSECT REPELLENT FORMULA 302

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIPODEET INSECT REPELLENT FORMULA 302

PRODUCT DESCRIPTION: Personal Insect Repellent Lotion.

PRODUCT CODE: 302

EPA REGISTRATION NUMBER: 82810-1

MANUFACTURER: DermAegis, Incorporated

Product Stewardship: 815-877-2313

Customer Service: 815-877-2313

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC U.S. and CANADA: 815-877-2313

CHEMTREC All Other Areas: (703) 527-3887

Emergency Phone 815-877-2313

COMMENTS:

For information regarding MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call the INTERNATIONAL POISON CENTER at 1-888-740-8712 24 hrs a day.

2. COMPOSITION / INFORMATION ON INGREDIENTS

	Wt. %	CAS#	ACGIH TLV
N,N-diethyl-m-Toluamide (DEET)	30	134-62-3	N/A
Phospholipid-containing membrane plus			
Other inert ingredients	~70	N/E	N/E

COMMENTS:

Ingredients not identified are proprietary or nonhazardous. Values are not product specifications.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS:

WARNING: Harmful if swallowed. May cause eye injury. Avoid contact with eyes and lips. May cause skin reaction in rare cases. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye injury.

SKIN: Avoid contact with eyes and lips. May cause skin reaction in rare cases.

INGESTION: Harmful if swallowed.

INHALATION: Avoid breathing spray mist or using in an enclosed area.

CHRONIC: Not established

4. FIRST AID MEASURES

EYES: 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 eye. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Remove affected person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention immediately.

If you suspect a reaction to this product:

Discontinue use; 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.

MATERIAL SAFETY DATA SHEET

Page 2 of 4

DermAegis, Inc.
5730 Clarendon Drive
Rockford, IL 61114

Date-I ssued: 02/02/2005
MSDS Ref. No: 01
Date-Revised: 05 SEP 2006
Revision No: 02

LIPODEET INSECT REPELLENT FORMULA 302

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: N/E
FLAME EXTENSION: N/A
FLAMMABLE LIMITS: Lower: N/E Upper: N/E
AUTOIGNITION TEMPERATURE: N/E
FIRE EXTINGUISHING MEDIA: CO₂, Foam or Dry Chemical
FIRE FIGHTING PROCEDURES:

Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

Wipe up with absorbent material. Wash small quantities away with soapy water. Prevent bulk quantities from entering open sewers and waterways.

Waste Disposal:

Dispose of in accordance with local, state and Federal regulations. Do not incinerate empty container, dispose of properly.

7. HANDLING AND STORAGE PRECAUTIONS

Store in a cool and dry place. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear OSHA-approved safety glasses, goggles or face shield.

SKIN: Wear chemically impervious gloves such as Neoprene or Nitrile and protective clothing.

RESPIRATORY: In absence of proper mechanical ventilation, wear a NIOSH approved organic vapor respirator.

PROTECTIVE CLOTHING: Wear chemically impervious gloves, such as neoprene or nitrile. Wear leather shoes and long pants and long sleeve shirt.

WORK HYGIENIC PRACTICES:

DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Lotion
ODOR: Faint DEET
APPEARANCE: Off white lotion
pH: 6.4
PERCENT VOLATILE: N/A
VAPOR DENSITY: N/A
BOILING POINT: N/E
FREEZING POINT: N/E
MELTING POINT: N/E
SOLUBILITY IN WATER: Fine suspension
SPECIFIC GRAVITY: N/E
EVAPORATION RATE: N/E

MATERIAL SAFETY DATA SHEET

Page 3 of 4

DermAegis, Inc.
5730 Clarendon Drive
Rockford, IL 61114

Date-I ssued: 02/02/2005
MSDS Ref. No: 01
Date-Revised: 05 SEP 2006
Revision No: 02

LIPODEET INSECT REPELLENT FORMULA 302

10. STABILITY AND REACTIVITY

STABLE: YES HAZARDOUS POLYMERIZATION: NO
CONDITIONS TO AVOID: Temperatures above 120°F

11. TOXICOLOGICAL INFORMATION

DERMAL SENSITIZATION: Not a sensitizer.
PRIMARY SKIN IRRITATION: Not a skin irritant.
DERMAL TOXICITY: Not a dermal toxicant.
ORAL TOXICITY: Not an oral toxicant.
EYE IRRITATION: Moderately irritating. Irritation cleared by day 14.
COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: None Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

If empty: Do not reuse container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Consumer Commodity

PRIMARY HAZARD CLASS/DIVISION: ORM-D

OTHER SHIPPING INFORMATION: N/A

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation. (40 CFR 355). There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control ACT inventory reporting requirements.

MATERIAL SAFETY DATA SHEET

Page 4 of 4

DermAegis, Inc.
5730 Clarendon Drive
Rockford, IL 61114

Date-I ssued: 02/02/2005
MSDS Ref. No: 01
Date-Revised: 05 SEP 2006
Revision No: 02

LIPODEET INSECT REPELLENT FORMULA 302

16. OTHER INFORMATION

REVISION SUMMARY: Updated MSDS

HMIS CODES

FIRE: 1 HEALTH: 2 REACTIVITY: 0

HMIS RATINGS NOTES:

We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he must ensure that the proper personal protective equipment is provided consistent with the information contained in sections 7 and 8 of this MSDS.

COMMENTS:

The data contained herein is based on information currently available to DermAegis, Inc. and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which DermAegis, Inc. assumes legal responsibility.
MSDS Prepared by Scientific Coordination, Inc.

N/A: Not Applicable

N/E: Not Established



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

82810-1

Date of Issuance:

MAY 19 2006

NOTICE OF PESTICIDE:

[X] Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

LIPODEET 302

Name and Address of Registrant (include ZIP Code) :

Dermaegis, Inc.
5730 Clarendon Drive
Rockford, IL 61114

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby conditionally registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA §3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA §3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA §4.
2. Make the following label changes before you release the product for shipment:
a. Revise the EPA Registration Number to read, "EPA Reg. No. 82810-1."

Continued on page 2

Signature of Approving Official:

for Ann Skold
Richard Gebken, Product Manager (10)
Insecticide Branch, Registration Division (7505P)

Date:

MAY 19 2006

- a. Change the product signal word to "WARNING." The results of the primary eye irritation study submitted within the acute toxicity data six pack resulted in the classification of the formulation as a category II eye irritant.
- b. The following statements are required on all end-use DEET products. Modify the directions for use presented on the label to incorporate the following statements:
 - i. If you suspect a reaction to this product, discontinue use, wash *treated* skin, and call your local poison control center.
 - ii. If you go to a doctor, take this product with you.
- c. Remove or revise the following label claims as indicated below:
 - i. Provides 95% or Greater Protection Against Mosquitoes for 4 or More Hours.
 - Revise to read "Provides Protection Against Mosquitoes for up to 4 Hours."
 - ii. 30% DEET in a Non-Alcohol Formula.
 - Revise to read "30% DEET."
 - iii. Repels biting insects for hours.
 - Revise to read "Repels biting insects for up to 4 hours."

4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Sincerely,

Richard Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7505P)

DermAegis LipoDEET Insect Repellent 302

Provides 95% or Greater Protection Against Mosquitoes for 4 or More Hours

30% DEET in a Non-Alcohol Formula

Insect Repellent • Lotion • Repels Mosquitoes

Odorless After Application

Repels biting insects for hours

Effective Unscented Protection From Mosquitoes, Gnats, No-See-Ums, Sand Flies, Biting Flies, Deer Flies, Stable Flies, Black, Flies, Ticks, Chiggers, Red Bugs and Fleas

Just the right protection around the home and backyard

Non-greasy • Non Staining • Resists Perspiration

ACTIVE INGREDIENTS:	
DEET (CAS No. 134-62-3)	30.00%
OTHER INGREDIENTS	70.00%
TOTAL:	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents _____ oz.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

MAY 19 2006

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 82810-1

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Avoid contact with eyes. Use of this product may cause skin reactions in rare cases. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash treated clothing before wearing it again. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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, continue rinsing the eye. • Call a poison control center or doctor for treatment advice.
If you suspect a reaction to this product	<ul style="list-style-type: none"> • Discontinue use. • 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. Questions ???, 858-259-5659	

NOTE: The First Aid statement's grid format will be used if market label space permits; otherwise a paragraph format will be used.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all directions and precautions on this product label. SHAKE WELL BEFORE USING.

Skin application: Squeeze into one hand, rub hands together and apply thoroughly in a thin layer to the forearms. Use additional lotion for upper arms. Repeat for other exposed areas. To apply to face, squeeze lotion into palm of hand and spread on face and neck. Do not apply near eyes and mouth. Apply sparingly around ears. Do not apply to children's hands. Do not apply over cuts, wounds or irritated skin. When using on children, apply to your own hands and then put it on the child. Do not allow children to handle this product. Use just enough repellent to cover exposed skin and/or clothing. Wipe excess from hands after applying. Do not use under clothing. Avoid over-application of this product. Frequent reapplication and saturation is unnecessary for effectiveness. After returning indoors wash treated skin with soap and water. May damage certain synthetic fabrics, acetate, spandex and nylon.

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool and dry place. Keep out of reach of children.

If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

EPA Reg. No. 82810- EPA Est. No.

DermAegis, Inc.
4747 Plummer Ct.
San Diego, CA 92130

100705LipoDEETLABEL-01



Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ULTRATHON (tm) INSECT REPELLENT (lotion)
MANUFACTURER: 3M
DIVISION: Protective Materials & Consumer Specialties Division

ADDRESS: 3M Center
St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 12/14/2005
Supersedes Date: 12/14/2004

Document Group: 16-0613-6

Product Use:

Specific Use: INSECT REPELLANT

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
WATER	7732-18-5	40 - 44
N,N-DIETHYL M-TOLUAMIDE	134-62-3	34 - 36
INERT INGREDIENTS	Mixture	24 - 26

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Viscous Lotion

Odor, Color, Grade: White with DEET odor.

General Physical Form: Liquid

Immediate health, physical, and environmental hazards: May cause severe eye irritation.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Skin Contact:

Prolonged or repeated exposure may cause:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

Inhalation:

No health effects are expected.

Ingestion:

Ingestion may cause:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhea and vomiting.

SECTION 4: FIRST AID MEASURES**4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: No need for first aid is anticipated.

If Swallowed: Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 NOTE TO PHYSICIANS

Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5: FIRE FIGHTING MEASURES**5.1 FLAMMABLE PROPERTIES**

Autoignition temperature	<i>No Data Available</i>
Flash Point	<i>Not Applicable</i>
Flammable Limits - LEL	<i>Not Applicable</i>
Flammable Limits - UEL	<i>Not Applicable</i>

5.2 EXTINGUISHING MEDIA

Non-combustible. Choose material suitable for surrounding fire.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not applicable.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Avoid eye contact. Keep out of the reach of children. Wash hands thoroughly with soap and water after applying product.

7.2 STORAGE

Store under normal warehouse conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

8.2.2 Skin Protection

Gloves are not required. Do not use on synthetic fabrics, plastics, watch crystals, leather, painted, or varnished surfaces. After returning indoors, wash treated skin with soap and water. Wash treated clothing.

If irritation occurs, discontinue use.

8.2.3 Respiratory Protection

Not applicable.

8.2.4 Prevention of Swallowing

Wash hands thoroughly with soap and water after applying product.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Viscous Lotion
Odor, Color, Grade:	White with DEET odor.
General Physical Form:	Liquid
Autoignition temperature	<i>No Data Available</i>
Flash Point	<i>Not Applicable</i>
Flammable Limits - LEL	<i>Not Applicable</i>
Flammable Limits - UEL	<i>Not Applicable</i>
Boiling point	>=95 °F
Density	0.995 - 1.035 g/ml
Vapor Density	<i>Not Applicable</i>
Vapor Pressure	<=16 psia [@ 68 °F]
Specific Gravity	0.995 - 1.035 [<i>Ref Std: WATER=1</i>]
Melting point	<i>No Data Available</i>
Solubility In Water	<i>Not Applicable</i>
Solubility in Water	Negligible
Evaporation rate	<i>No Data Available</i>
Volatile Organic Compounds	Approximately 0.19 g/l
Percent volatile	>=44.00 % weight
VOC Less H2O & Exempt Solvents	Approximately 38.16 g/l
Viscosity	150000 - 300,000 centipoise [<i>Test Method: ASTM METHOD</i>]

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion

Carbon dioxide
Oxides of Nitrogen

During Combustion
During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

Product-Based Toxicology Information:

Use of this product may cause skin reactions in rare cases.

Component-Based Toxicology Information:

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of waste product in a permitted hazardous waste facility.
Dispose of empty product containers in a sanitary landfill.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

70-0711-7347-3, 70-0711-7696-3, 70-1000-7054-2, 70-1000-7097-1, 70-1000-7404-9, 70-1000-8095-4, 70-1000-8287-7, 70-1000-9881-6, 70-1000-9888-1, 70-1000-9889-9, 70-2007-2649-8

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

FIFRA

Status

Registered

Registration Number

58007-1

STATE REGULATIONS

Contact 3M for more information.

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 2 Flammability: 0 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Revision Changes:

Copyright was modified.

Section 10: Hazardous decomposition or by-products table was modified.

Section 2: Ingredient table was modified.

Sections 3 and 9: Specific physical form information was modified.

Section 5: Flammable limits (UE) information was modified.
Section 5: Flammable limits (LEL) information was modified.
Section 9: Property description for optional properties was modified.
Section 9: Flammable limits (LEL) information was modified.
Section 9: Flammable limits (UEL) information was modified.
Section 4: Note to physicians heading was added.
Section 15: FIFRA heading was added.
Section 15: FIFRA information was added.
Section 4: Note to physicians was added.
Section 15: Inventories information was added.
Section 9: Solubility in water text was added.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

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3M MSDSs are available at www.3M.com

US EPA ARCHIVE DOCUMENT

APR 8 2004

Susan M. Price
3M
3M Ctr., Bldg. 290-04-01
St. Paul, MN 55144-1000

Subject: Revised Label For:
3M Ultrathon Insect Repellent
Insect/Arthropod Insect Repellent Lotion
EPA Registration No. 58007-1
Application dated May 30, 2001

Dear Ms. Price

The proposed amendment to the registration for the product cited above under The Federal Insecticide, Fungicide And Rodenticide Act, as amended revising the label in response to the DEET RED is acceptable subject to the comments listed below:

1) Change the Precautionary Statements to read as follows:

⌘Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes. Use of this product may cause skin reactions in rare cases. Wash treated clothing before wearing it again. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.⌘

2) Change the First Aid section to read:

IF IN EYES:

- * Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- * Remove contact lenses, if present, after the first five minutes, then continue rinsing.
- * Call a poison control center or doctor for treatment advice.

IF YOU SUSPECT A REACTION TO THIS PRODUCT:

- * Discontinue use.
- * 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.

HOT LINE NUMBER

In case of emergency call toll free (insert number).
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

- 3) Add a Storage And Disposal section to read:

PESTICIDE STORAGE: Store the product in a cool and dry place. Keep out of reach of children.

CONTAINER DISPOSAL:

IF EMPTY: Do not reuse this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local solid waste agency (or toll free number which meets the criteria in paragraph II.E of PR Notice 2001-6) for disposal instructions. Never place unused product down any indoor or outdoor drain.

- 4) Change the statement, ~~READ ALL DIRECTIONS BEFORE USING THIS PRODUCT~~, to read ~~READ AND FOLLOW ALL DIRECTIONS AND PRECAUTIONS ON THIS PRODUCT LABEL~~.

- 5) Change the Ingredients Statement to read:

DEET.....34.34%
Other Ingredients 65.66%

- 6) Delete the statement, ~~Used by the Military~~.
- 7) Delete the statement, ~~Used by the military because of its effective, long lasting protection~~.
- 8) Delete the table which compares Product, Hours of Protection and DEET Levels. Comparison claims are not permitted.
- 9) The signal word, WARNING, must appear on a separate line directly below the statement, Keep Out Of Reach Of Children.
- 10) The following statements must be grouped together in the Directions for Use section under the Subheading, General Precautions and Restrictions.

~~Do not apply near eyes and mouth.~~
~~Apply sparingly around ears.~~
~~Do not apply over cuts, wounds or irritated skin.~~
~~Do not allow children to handle this product.~~

- ❖ Do not apply to children's hands.❖
- ❖ When using on children, apply to your own hands, and then put it on the child.❖
- ❖ Use just enough repellent to cover exposed skin and/or clothing.❖
- ❖ Do not use under clothing.❖
- ❖ Avoid over-application of this product.❖
- ❖ After returning indoors, wash treated skin with soap and water.❖

You may wish to propose alternate labeling for the military label.

This product is not being re-registered at this time. Product specific efficacy data will be required. Once the efficacy guidelines are in place, you will be notified of the efficacy requirements.

A stamped copy of the draft label is enclosed for your records. Submit two copies of the finished label revised in accordance with the comments listed above before the product is released for shipment under this amended label.

The Confidential Statement Of Formula (CSF) dated May 30, 2001 is acceptable and has been made a part of the file for this product.

Sincerely,



Richard Gebken
Acting Product Manager 10
Insecticide Branch
Registration Division (7505C)

MASTER LABEL

415

INSECT/ARTHROPOD INSECT REPELLENT LOTION
ULTRATHON™ INSECT REPELLENT

UP TO 12 HOURS OF PROTECTION AGAINST MOSQUITOS

Advanced 3M Controlled Release Technology also repels ticks, biting flies, chiggers, gnats, and fleas. Tested in Central American jungles. Used by the Military.

Repels mosquitos, biting flies, chiggers, deer flies, fleas and stable flies. Also repels terrestrial leeches in tropical areas where pest occurs.

Provides 95% or greater protection against mosquitoes for 12 or more hours under normal use conditions.

ACTIVE INGREDIENTS:

DEET [N,N-diethyl-m-toluamide + Related Isomers] 34.34%

OTHER INGREDIENTS65.66%

ACCEPTED
with COMMENTS
In EPA Letter Dated:

APR 8 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
58007-1

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS WARNING:

For external use only. Causes eye irritation. Do not get in eyes or mouth. Do not apply to hands of young children. Do not apply over cuts, wounds, or irritated skin. When using on children, apply to your own hands and then apply to the child.

FIRST AID: If in eyes, flush with plenty of water. Get medical attention if irritation persists.

(Net contents)

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT.

Squeeze into hand and spread evenly in a thin layer. Use just enough repellent to cover all exposed skin. Do not use under clothing. Frequent reapplication and saturation is unnecessary for effectiveness. Avoid overexposure and contact with eyes and lips. After returning indoors, wash treated skin with soap and water. Wash treated clothing. Use of this product may cause skin reactions in rare cases. If you suspect that you or your child is reacting to this product, wash treated skin and call your local poison control center. If you go to a doctor, take this repellent with you. May damage some synthetic fabrics, plastics, and painted or varnished surfaces. Avoid smearing on plastic eyeglasses, goggles, watch crystals, etc. WILL NOT DAMAGE nylon, cotton, or wool fabrics.

(Insect/Arthropod Repellent Lotion - military label directions:)

Squeeze into one hand 2.5 ml of repellent, a strip equal in length and width to the diagram on the side of the tube. (2.5 ml. Strip Diagram on side of tube) Rub hands together and apply thoroughly in a thin layer to both forearms. Use additional lotion for upper arms. Repeat for other exposed areas. To apply to face, squeeze lotion into palm of hand and spread on face and neck. Avoid contact with eyes and lips. Repeat as necessary. Wipe hands after application.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage and disposal.

Storage: Store the product in a cool and dry place away from heat.

Disposal: Do not reuse empty container. Wrap container and put in trash.

In case of emergency, call 651-737-8501 or 800-364-3577

Position UPC

EPA Reg. No. 58007-1

EPA Est. No. 50678-NJ-001

3M

3M Center,

St. Paul MN 55144-1000

Repels deer ticks that may carry Lyme disease.

Repels mosquitos that may carry the West Nile virus

Repels biting flies, ticks, chiggers, gnats and fleas.

Advanced 3M Controlled Release Technology provides a continuous shield of protection that lasts up to 12 hours against mosquitos .

This unique formula

- Creates an effective vapor barrier that repel mosquitos and biting insects
- Provides maximum protection hour after hour
- Tested for effectiveness in the Florida Everglades and Central American jungles
- Used by the military because of its effective, long lasting protection
- Resists rain, sweat, and water splashes
- No strong odor

Controlled release formula allows 33.3% DEET to repel mosquitos up to 12 hours

<u>Product</u>	<u>Hours of Protection*</u>	<u>DEET Levels</u>
3M Ultrathon™ Insect Repellent	Up to 12 hours	33.3%
Most 100% DEET products	Up to 10 hours	100.0%
Most 60% or less DEET products	Up to 6 hours	60% or less

*as stated on 1992 package claims against mosquitos