

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Sawyer Products, Inc.
Post Office Box 188
Safety Harbor, FL 34695

Date-Issued: 09/20/2004
MSDS Ref. No: 03
Date-Revised: October 11, 2006
Revision No: 2.2

SP725 Sawyer® Insect Repellent 25% DEET Aerosol

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sawyer® Insect Repellent, 25% Deet
PRODUCT DESCRIPTION: Pressurized Personal Insect Repellent.
PRODUCT Code: SP725
MANUFACTURER: Sawyer Products, Inc.
Product Stewardship: 1-800-940-4464
Customer Service: 1-800-940-4464

UPC Code: 0-50716-00725-1

EPA Reg. No.: 54287-19

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC U.S. and CANADA: 1-800-424-9300
CHEMTREC All Other Areas: (703) 527-3887
Emergency Telephone: 1-888-740-8712

COMMENTS:

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

	Wt. %	CAS#	ACGIH TLV
N,N-diethyl-m-Toluamide (DEET)	25	134-62-3	N/A
SDA-40 Ethanol	~30	64-17-5	1000 ppm
Isobutane	10	75-28-5	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 to 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 to 20 minutes; Call a poison control center or doctor for treatment advice.

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Page 2 of 3

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5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 56°F TCC
FLAME EXTENSION: 18 inches
FLAMMABLE LIMITS: Lower: 3.3% Upper: 19.0%
AUTOIGNITION TEMPERATURE: 793°F
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

Flammable material. Remove all possible ignition sources. Wipe up with absorbent material. Wash small quantities away with soapy water. Prevent bulk quantities from entering open sewers and waterways.

Waste Disposal:

This material is flammable and must be disposed of in accordance with local, state and Federal regulations. Do not puncture or incinerate empty container, dispose of properly.

7. HANDLING AND STORAGE PRECAUTIONS

Keep away from heat, sparks or open flame. Do not expose treated skin to fire sparks or flame until material has dried.

8A. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR DISTRIBUTION AND END USER

ENGINEERING CONTROLS: Make application outdoors where special ventilation is NOT required.

PERSONAL PROTECTIVE EQUIPMENT:

EYES: None. Avoid spraying directly in eyes. Refer to §4, First Aid Measures.

SKIN & FACE: None. Refer to §3, Potential Health affects. Wash hands before eating or smoking.

RESPIRATORY: None. Make application outdoors.

8B. EXPOSURE CONTROLS / PERSONAL PROTECTION DURING MANUFACTURING

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: Liquid (pressurized)
ODOR: Ethanolic odor
APPEARANCE: Pale yellow Liquid.
pH: Not Applicable
PERCENT VOLATILE: ±40
VAPOR DENSITY: 1.6
BOILING POINT: 75°C
FREEZING POINT: Not Available
MELTING POINT: Not Applicable
SOLUBILITY IN WATER: 100%
SPECIFIC GRAVITY: 0.88 (water=1) at 20°C
EVAPORATION RATE: ~1

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10. STABILITY AND REACTIVITY

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

DISPOSAL METHOD: DO NOT PUNCTURE OR INCINERATE!

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

US DoT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CONSUMER COMMODITY

PRIMARY HAZARD CLASS/DIVISION: ORM-D

OTHER SHIPPING INFORMATION: LEVEL 2 AEROSOLS

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.

16. OTHER INFORMATION

REVISION SUMMARY: Revision 2.2, October 11, 2006

HMIS CODES

FIRE: 3 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 Sawyer 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 Sawyer Products, Inc. assumes legal responsibility. Original MSDSs prepared by Scientific Coordination, Inc., Rockville, Maryland.