

MATERIAL SAFETY DATA SHEET

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Sawyer Products, Inc.
P.O. Box 188
Safety Harbor, FL 34695

Date-Issued: 11-Dec-2007
MSDS Ref. No: 03
Date-Revised: 18-Dec-2009
Revision No: 03

Sawyer® Premium Insect Repellent 20% Picaridin

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 for disposal instructions.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME:

Consumer Commodity

PRIMARY HAZARD CLASS/DIVISION:

ORM-D, Limited Quantity

OTHER SHIPPING INFORMATION:

UN1993, Flammable Liquid, N.O.S.

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 03, December 18, 2009

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.

MSDS Prepared by Scientific Coordination, Inc.

N/A: Not Applicable

N/E: Not Established

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FIRE FIGHTING PROCEDURES:

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

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:	Liquid
ODOR:	Slight, perfumed-alcohol
APPEARANCE:	Colorless to light yellow
pH:	5.3
PERCENT VOLATILE:	N/A
VAPOR DENSITY:	N/A
BOILING POINT:	>95°F (>35°C)
FREEZING POINT:	N/E
MELTING POINT:	N/E
SOLUBILITY IN WATER:	Soluble
SPECIFIC GRAVITY:	1.019
EVAPORATION RATE:	N/E

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.

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.

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Sawyer® Premium Insect Repellent 20% Picaridin

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SAWYER® PREMIUM INSECT REPELLENT 20% PICARIDIN

PRODUCT DESCRIPTION: Personal Insect Repellent Liquid. Product No. SP544

EPA REGISTRATION NUMBER: 54287-22-58188

MANUFACTURER: Sawyer Products, Incorporated

Product Stewardship: 727-725-1177

EPA Est. No. 54287-FL-1

Customer Service: 727-725-1177

24 HR. EMERGENCY TELEPHONE NUMBERS

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

CHEMTREC All Other Areas: (703) 527-3887

Emergency Phone 727-725-1177

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
Picaridin*	20	119515-38-7	N/A
*1-Methylpropyl-2-(2-hydroxyethyl)-1-piperidine carboxylate			
Ethanol	~29	64-17-5	N/E

COMMENTS:

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS:

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling, returning indoors, and before eating, drinking, chewing gum, or using tobacco.

Flammable. Vapors may spread long distances and ignite. Vapors or mist may be a fire and explosion hazard when exposed to high temperature or ignition. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

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.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 82°F (TCC)

FLAME POINT: N/E

FLAMMABLE LIMITS: Lower: N/E Upper: N/E

AUTOIGNITION TEMPERATURE: N/E

FIRE EXTINGUISHING MEDIA: CO₂, Foam or Dry Chemical