



MATERIAL SAFETY DATA SHEET

Prepared: 20 February 2009

Section 1 - Product and Company Identification

Product(s): **SCRUBS® Insect Shield™ Insect Repellant Wipe**
Formula: B914
Part Number(s): 91401

Company Name & Address:



805 E. Old 56 Hwy.
Olathe, KS 66061
800-443-9536 (8 a.m. - 5 p.m. Weekdays, CDT)

Emergency Numbers:

IN CASE OF EMERGENCY, CALL Infotrac @ 1-800-535-5053, 24 hrs.
INTERNATIONAL EMERGENCY NUMBER 352-323-3500
Poison Control Center: 1-800-222-1222

Material Safety Data Sheets:

www.dymon.com

Section 2 - Hazards Identification

WARNING. Flammable liquid and vapor. Causes eye irritation. May be harmful if swallowed. Avoid contact with eyes and lips. Do not apply to excessively sunburned or damaged skin. Keep away from heat, sparks and flame. Use only with adequate ventilation.

Potential Health Effects

EYES:	Causes eye irritation.
SKIN:	Product is intended for use on the skin. May cause skin reaction in rare cases.
INHALATION:	Overexposure to vapors (unlikely) may cause respiratory irritation.
INGESTION:	May be harmful if swallowed.
Signs/symptoms of exposure: redness, tearing or burning in eyes. Redness, burning, drying or cracking of skin. If swallowed may cause nausea, vomiting, diarrhea, drowsiness, dizziness, fatigue or loss of coordination. Medical conditions generally aggravated by exposure: pre-existing skin conditions such as dermatitis or gastrointestinal conditions may be adversely affected by this product. Follow good chemical hygiene practices to avoid complications.	

HMIS Rating **Health – 1** **Flammability – 3** **Reactivity – 0** **Personal Protection – None**

Section 3 - Composition/Information on Ingredients

Ingredient	CAS Number	Percent Range
Ethyl alcohol	64-17-5	60 – 100
DEET (Diethyl Toluamide)	134-62-3	15 – 40

Any substance listed as hazardous by the states of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

Section 4 - First Aid Measures

EYES:	Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.
SKIN:	None usually required. If irritation arises flush with water for 15 minutes. Remove contaminated clothing and shoes, launder before reuse. If irritation persists seek medical attention.
INHALATION:	Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. If overexposed move to fresh air. If symptoms develop seek medical attention.
INGESTION:	Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 – Fire Fighting Measures

Flashpoint (PMCC):	62° F
Extinguishing Media:	Dry chemical, carbon dioxide, foam, or fog. Do not use water as it may froth and cause fire to spread.
Special Fire Fighting Procedures:	Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways.
Hazardous Products of Combustion:	Carbon monoxide, carbon dioxide, formaldehyde, nitrous oxide, ammoniacal vapors, smoke, soot and various organic oxidation by-products.

Section 6 – Accidental Release Measures

Small spill:	Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.
Large spill:	Not likely due to type of product. If large spill does occur, absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal. Clean any slippery residues with soap and water.

Section 7 – Handling and Storage

Handling:	Do not allow towel contact with eyes. Wash thoroughly after handling. Avoid swallowing. Avoid prolonged skin contact. For external use only. Avoid inhaling vapors. Do not smoke while using. Not for use around the mouth or eyes for an extended period of time. Follow good chemical hygiene practices when handling this material. Use from original container only and follow label directions carefully.
Storage:	Keep container closed when not in use. Keep away from heat sources. Store in a cool well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Do not store with fertilizers, seeds, insecticides or fungicides.

Section 8 – Exposure Controls/Personal Protection

Engineering controls:	Ventilation not usually necessary but should be provided in the event of overexposure.
Exposure limits:	Ethyl alcohol (CAS# 64-17-5)=1000 ppm OSHA; 1000 ppm ACGIH-TLV; 1000 ppm NIOSH-REL.
Eye protection:	None necessary. Do not allow towel to directly contact eyes.
Skin protection:	None necessary. Product is designed for direct skin contact.
Respiratory protection:	Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

Section 9 – Physical and Chemical Properties

Appearance and Odor: Colorless liquid with an alcohol-floral scent saturated onto towels.		
pH: N/A	Boiling Point: 180° F	Specific Gravity: 0.859
Vapor Density: >1	Vapor Pressure: No Data	Solubility in Water: Complete
Evaporation Rate: No Data	Volatile Organic Compounds (VOCs): 64.7% by weight	

Section 10 – Stability and Reactivity

Hazardous Polymerization:	This product will not undergo hazardous polymerization.
Hazardous Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, formaldehyde, nitrous oxide, ammoniacal vapors, smoke, soot and various organic oxidation by-products.
Chemical Stability:	Stable
Incompatible Materials:	Strong oxidizing agents such as acetyl chloride, nitric acid, and hydrogen peroxide.

Section 11 – Toxicological Information

Ethyl alcohol, CAS# 64-17-5
Dermal LD50=20 mg/kg, rat; Oral LD50=7,060 mg/kg, rat; Inhalation LD50=20,000 ppm (10 hr), rat

Section 12 – Ecological Information

No data.

Section 13 – Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal regulations.

Waste information: If this product becomes a waste, the liquid would be considered a flammable liquid (D001) as defined by RCRA (40CFR261). However the waste should be properly evaluated in case of modification prior to disposal.

Section 14 – Transport Information

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Danger Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

	UN #	Proper Shipping Description	Hazard Class	Packing Group
DOT Information	None	Not Regulated	None	None

Marine Pollutants: None

Section 15 – Regulatory Information**US Federal Regulations**

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory or exempt from listing.

EPA Pesticide Registration Number

11694-111

CERCLA RQ

None

SARA 313 Components

None

State and Local Regulations

California Proposition 65

None

Section 16 – Other Information

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.