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Revision Date: 08-Feb-2016

Version 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 239 SLEEP TIGHT

Other means of identification

SDS # UNITED-239

Recommended use of the chemical and restrictions on use

Recommended Use Bed Bug Spray.

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Clear liquid

Physical State Liquid

Odor Floral scent

Classification

Eye Irritant	Category 2B
Skin Sensitizer	Category 1

Signal Word

Warning

Hazard Statements

May cause allergic skin reaction. Causes eye irritation.



Precautionary Statements-Prevention

Avoid breathing fume/gas/mist/vapors and spray. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection when using this product.

Precautionary Statements – Response

IF ON SKIN: Wash with plenty of water/soap. If skin irritation or a rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Precautionary Statements - Storage

Store according to local/regional/national/international regulations.
Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Volume %	CAS Number
Geraniol*	1.00	106-24-1
Other components**	---	---

*This product contains a component which contains in excess of 0.1% natural allergen or sensitizer. Some individuals who have been previously exposed and sensitized to the allergen may exhibit allergic reactions or other related illnesses when re-exposed.

This compound is a trade secret in accordance with provision 1910.1200 of the title of US Code Federal Regulations. The exact percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Show this SDS to the doctor or medical contact in attendance. Immediate medical attention is required, particularly in the case of eye contact.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present, and continue rinsing with eyes wide open for at least 15 minutes. Do not rub affected eyes, repeat rinsing if necessary. If eye irritation persists: Get medical advice /attention.

Skin Contact Wash hands or exposed skin with plenty of soap and water. Remove any contaminated clothing, do not remove clothing from the workplace, and wash clothing before reuse. If skin irritation, rash, eczema, or allergic reaction occurs seek medical advice and/or treatment.

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, persist or worsen, call a physician or obtain medical attention.

Ingestion Rinse mouth with water if conscious, alert, and not convulsing. DO NOT induce vomiting. Give several glasses of water to drink. Contact a poison center/hospital/physician immediately for medical advice or treatment if you do not feel well.

Most Important Symptoms/Effects

Inhalation: This product may cause irritation to the nose, throat, and/or respiratory tract resulting in a burning nostril or mucous membrane sensation.

Skin Contact: It is unlikely that skin irritation will occur with proper use of this product. If skin sensitization should occur resulting in an irritation, itching or burning sensation; redness; and/or pain; a rash; or dermatitis may occur as a result of an allergic skin reaction.

Eye Contact: Eye irritation. May include stinging, tearing, itching, redness, swelling and/or blurred vision.

Ingestion: May cause stomach distress resulting in nausea, vomiting, difficulty swallowing. A fragrant geraniol smell to breath.

Indication of Immediate Medical Attention or Special Treatment Needed

If the above first aid measures are not successful, if eye irritation persists, breathing becomes difficult, or if feeling generally unwell, seek medical advice/attention. Keep victim under observation as symptoms may be delayed.

Note to physician: Treat symptomatically, provide supportive measures and treat symptomatically, based on judgement of attending physician. Keep victim under observation for possible delayed effects.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Non-flammable; choose media to support surrounding fire.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

Combustion Products: VOC's carbon dioxide and carbon monoxide may form.

Protective equipment and precautions for firefighters

Wear full protective gear clothing including a self-contained, positive pressure, breathing apparatus (SCBA) approved by NIOSH in cases of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Keep containers cooled by using water spray until containers can be moved from the area if you can do so without risk.

Explosion Data:

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Keep unnecessary personnel away from and upwind from any leak or spillage. Provide good ventilation to area. Wear chemical resistant gloves and personal protective equipment (including protective goggles or wrap around face shield) as required when handling or cleaning up this product. Avoid breathing mist or vapor. Evacuate personnel to safe areas. Wear appropriate protective clothing during clean-up operations. Local authorities should be advised if significant spillages cannot be contained. Avoid contact with skin, eyes, or clothing. Irrigate eyes, wash hands/skin immediately and/or change clothes as needed if signs of exposure appear (i.e., itching, burning sensations). Launder clothing before reuse. Do not remove clothing from workplace.

Environmental Precautions

Avoid discharge into lakes, streams, ponds, drains, sanitary sewers, runoff waters, public waters, or public water systems.

Methods and material for containment and cleaning up

Methods for Containment and Clean-Up

Before attempting to clean up large spills, refer to hazard data given on this SDS. Prevent further leakage or spillage if safe to do so. Contain any large amount of bulk spillage with dikes to prevent any migration or entry into sewers or streams. Cover spillage with plastic to prevent spreading or migration to soil. Clean up any spill immediately with an absorbent material such as vermiculite, sand, or earth. Sweep into appropriate disposal container if safe to do so. Dispose in accordance with local/regional/state/national/international waste regulations. Mop area with water. Prevent large spills from entering drains, sewers, or waterways. Contact emergency services and supplier for advice as needed. For small spills: wipe with absorbent material (such as a towel) and clean surface to remove residual contamination. Never return spilled material to original container for reuse. See Section 13 of this SDS for waste disposal requirements.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

When handling this product use good industrial hygiene practices, provide good general ventilation through using fans or air-conditioning system, wear chemical resistant gloves when handling, do not eat, drink, or smoke while handling this product. Do not get this material in eyes. Do not breathe mists or vapors. Do not get this material on skin or clothing. Use personal protective equipment. Wash hands/skin often while and after handling this product and before any breaks or meals. Avoid release into the environment. In rare instances individuals may become sensitized to this product, these individuals should increase ventilation (or use an approved NIOSH respirator) when handling this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions and Incompatible Materials

Store sealed container or product packaging in a shaded and ventilated place and away from incompatible materials. See Section 10 of this SDS. Avoid abnormally high temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

No exposure limits noted for ingredients.

Biological Exposure Limits

No biological limits noted for ingredients

Engineering Controls

Use of this product in a normally ventilated area (typically 10 air exchanges per hour) is typically adequate, unless individual is sensitized. Provide easy access to water supply and eye wash facilities.

Individual Protection Measures

Eye/Face Protection: Wear safety goggles (or safety glasses with side shields and a face shield) when using this product. Wash hands using soap and water often and before touching eye or face area or before eating, drinking, or smoking. A safety eye-wash station should be located conveniently and appropriately in area to rinse out eyes if needed for emergencies.

Skin Protection: Use impervious nitrile or chemical resistant gloves and appropriate chemical resistant protective clothing if handling this product directly. If exposure to skin or hand occurs, wash exposed area using soap and water immediately. A safety shower should be located conveniently and appropriately in area and used to rinse off skin if needed in emergencies.

Respiratory Protection: Respiratory protection is not normally required in this formulation, but if in rare instances where exposure limits are exceeded (due to no fans or air-conditioning systems) or irritation is experienced by a sensitized individual through exposure to vapors of this product, use an approved positive pressure NIOSH respirator.

General Information: Handle this product in accordance with good industrial hygiene and safety practices. Do not eat, drink, or smoke while using this product. Always wash hands with soap and water often; immediately after using this product; and before eating, drinking or smoking. Avoid contact with skin, eyes, or clothing. Always wear suitable gloves and eye/face protection when using this product. Routinely wash work clothing and protective equipment to remove contaminants. Do not allow contaminated work clothing outside the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Floral scent
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Colorless, clear	Remarks • Method	
Property	Values		
pH	6.0-8.0		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Estimated at 100°C		
Flash Point	212°F (100°C)		
Flammability	Does not sustain combustion.		Closed Cup (Based on Geraniol)
Vapor Pressure	Not determined		Non-flammable
Vapor Density	Not determined		
Specific Gravity	0.9-1.0		
Water Solubility	Soluble		
Relative Density	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Viscosity	Not determined		
VOC Content	None		

10. STABILITY AND REACTIVITY**Reactivity**

This product is stable and non-reactive under normal conditions of use, storage, and transport.

Chemical Stability

Stable when stored in sealed container at normal temperatures and in a suitable location.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur under normal use.

Conditions to Avoid

Avoid contact with incompatible materials.

Incompatible Materials

Strong oxidizing agents, strong acids.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, and other organic vapors.

11. TOXICOLOGICAL INFORMATION

Symptoms related to physical, chemical and toxicological characteristics: Causes eye irritation. May cause an allergic skin reaction. No adverse effects due to inhalation are expected. The ingestion of this product is unlikely to be a hazard as it is not expected to be acutely or chronically toxic. Delayed or immediate exposure effects: Eye irritation. Symptoms may include stinging tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction, itching, redness, pain or dermatitis.

Chronic effects from short and long term exposure:

Skin itching, redness, pain, and/or dermatitis may result from allergic skin reaction.

Target Organ Effects

Irritation to the eyes. Skin itching, redness, pain, rashes and possible dermatitis due to allergic skin reaction.

Carcinogenicity

This product is not classified as a carcinogen by NTP, IARC, ACGIH or OSHA.

Reproductive Toxicity

This product contains no known or suspected reproductive toxins or germ cell mutagens, or genotoxic components at greater than 0.1%. This product is not expected to cause reproductive or developmental effects

Numerical measures/estimated of toxicity

ATEmix (oral)=>>3600mg/kg (based on 1% geraniol, CAS#106-24-1) mixture.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Geraniol 106-24-1	3600 mg/kg (Rat)	>5000 mg/kg BW (Rabbit)	No information available

Aspiration hazard

Not classified (based on Geraniol).

Acute Irritation

Causes irritation and serious damage to eyes at high concentrations. Skin irritation: Infrequently, mildly irritating to skin of some individuals, known skin sensitizer.

12. ECOLOGICAL INFORMATION

Environmental Data

Ecotoxicity: Harmful to aquatic life.

Persistence and Degradability

Readily degradable in water.

Bioaccumulation

This product is not expected to bioaccumulate.

Adsorption

Soil: No data available.

Mobility

Henry's law @25°C: No data available.

Other Adverse Effects

No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from use of this product.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Observe all the requirements of all appropriate, International, Federal, Provincial, State, Regional, Local or Municipal regulations when disposing this product or its container with residual product remaining. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this product to drain into sewers or water supplies. Do not contaminate ponds, waterways, or ditches with this product or its used container. Empty containers or liners may contain some product residues; follow label warnings even after container is emptied. Dispose of this product or its containers in a safe manner in accordance with all applicable regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT Not regulated.
IATA Not regulated.
IMDG Not regulated.

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard

This material does contain "Hazardous Chemicals" as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not Listed.

TSCA Status

Not Regulated.

SARA 311/312-Hazard Categories

Acute Hazard: Yes
 Chronic Hazard: No
 Fire Hazard: No
 Sudden Release of Pressure Hazard: No
 Reactivity Hazard: No

SARA 313 Components

This product does not contain any chemicals which are subject to reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Safe Drinking Water

Not Regulated.

CAA Section 112(r) Accidental Release Prevention and 112 Hazardous Air Pollutants

Not Regulated.

CERCLA

This product, as supplied, contains no substances regulated as a hazardous substance under this Act.

California Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986

This product does not contain chemical(s) known to the State of California to cause cancer or other reproductive harm.

Other U.S. State Inventories

This product does not contain components that are listed on the following State Hazardous Substance Inventories or Right-to Know lists.

Chemical Name	Massachusetts	New Jersey	Pennsylvania/Rhode Island
Geraniol 106-24-1			

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet