



Woodstream Corporation  
69 North Locust Street  
Lititz, PA 17543

# Material Safety Data Sheet

**MSDS No:** 838  
**Domestic Emergency Phone**  
**International Emergency Phone**  
**Information Phone**  
**Intl Info Phone:** 800-424-9300  
703- 527-3887  
800-800-1819  
717-626-2125

## SECTION I: MATERIAL IDENTIFICATION

**Product Number/Size:** DT341 25 LB  
**Trade Name:** Dr. T's Mosquito Repelling Granules  
**Also Known As:** Dr. T's Mosquito Repelling Granules  
**Description:** Mosquito repellent  
**Chemical Composition:** Mixture  
**Regulatory Licenses:** 25 (b) Exempt

## SECTION II: INGREDIENTS

Non-Hazardous Component (s)	CAS #	Chemical Formula
Mint Blend	NA	
Garlic Oil	8000-78-0	
Lemon Grass Oil	NA	

## SECTION III: PHYSICAL DATA

<b>Boiling Point:</b> 360° F	<b>Viscosity:</b> Not Established
<b>Vapor Pressure (mm Hg):</b> > 10 mm of HG	<b>Odor:</b> Minty Citrus Odor
<b>Vapor Density (AIR=1):</b> N/A	<b>Specific Gravity (Water=1):</b> 0.897 @ 25/25 deg C
<b>Bulk Density:</b> Not Established	<b>Percent, Volatile by Volume %:</b> N/A
<b>Freezing Point:</b> Not Established	<b>Evaporation Rate (Xylene=1):</b> Not determined
<b>Solubility in Water:</b> Slight	<b>Physical State:</b> Solid
<b>Appearance:</b> Granular	<b>pH:</b> N/A

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (method):</b> >280 deg F	<b>NFPA Health Rating:</b> Not Rated
<b>Autoignition Temp.:</b> Not Determined	<b>NFPA Fire Rating:</b> Not Rated
<b>Flammable Lel:</b> Not Determined	<b>NFPA Reactivity Rating:</b> Not Rated
<b>Flammable Uel:</b> Not Determined	<b>Extinguishing Material:</b> Water, Foam, CO2, or Dry Chemical
<b>Hazardous Products of Combustion:</b> Carbon Dioxide, Carbon Monoxide, Acrid Fumes	

**Special Fire Fighting Procedures:**

## SECTION V: HEALTH HAZARD DATA

**General Statement:** None of the ingredients of this material meet the definition of "Hazardous Chemical" given in OSHA Hazard communication regulation 29 CFR 1910.1200(c).

**Occupational Exposure Limit:** No Limitations

**Effects of Over Exposure:** None Expected

**Carcinogenicity:** None listed per OSHA, NTP, or IARC.

**Chronic Effects:** None Expected

**Rec. Exp. Limits:** No Limitations

**Potential Health Effects:** None Expected.

**Acute Oral:** NA

**Acute Dermal:** NA

**Acute Inhalation:** NA

**Eye Irritation:** NA

**Skin Irritation:** NA

**Sensitization:** NA

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**Route of Entry Symptoms/Effects of Overexposure First Aid**

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Inhalation	Irritation	No adverse health effects expected
Eye	Irritation	No adverse health effects expected. May cause mild irritation, possible redness
Skin	Irritation	No adverse health effects expected. May cause mild irritation.
Ingestion	abdominal pain	No adverse health effects expected. Large oral doses may cause abdominal pain

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**SECTION VI: REACTIVITY DATA**

**Stability:** Stable

**Conditions to avoid:** N/A

**Materials to avoid:** Avoid contact with strong acids, strong bases and material that will react with unsaturated hydrocarbons.

**Hazardous Decomposition:** Burning liberates carbon monoxide, carbon dioxide, smoke and acrid fumes.

**Conditions to avoid:** N/A

**Hazardous Polymerization:** Will not occur.

**Conditions to avoid:** N/A

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**SECTION VII: SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled:** Ventilate the area. Sweep up material & place in original container.

**Waste Disposal Method:** Place in closed container. Prevent the material from entering the waterways. Spilled material may be disposed of according to Federal, State and local regulations.

**Product Disposal Method:** Do not reuse or refill container. If empty, dispose of in trash or offer for recycling. If partially filled, call your local solid waste agency for disposal instructions.

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**SECTION VIII: SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** None under normal use conditions

**Protective Gloves:** Wear Rubber gloves

**Eye Protection:** Face Shield, Chemical Goggles, or Safety Glasses.

**Protective Clothing:** Not Required

**Ventilation:** Use local exhaust if handling liquid in an enclosed area.

**Other Protective Equipment:** When Fire-Fighting, use a full-faced self contained breathing apparatus with full protective gear. Keep nearby containers and equipment cool with a water spray.

**Protection Note:** Personal protection information provided in this Section is based upon general information as to normal uses and conditions.

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**SECTION IX: SPECIAL PRECAUTIONS**

**Storage and Handling:** Keep containers upright and closed. Store in areas that are cool, dry and well ventilated. Protect from heat and freezing. Store away from ignition sources, keep out of streams, or ponds. Do not contaminate. Do not contaminate water, feed or food by disposal of waste or rinsate. Read and observe all cautions on the product label and directions.

**Other Precautions:** Wear protective equipment during cleanup. Wash hands before eating or leaving the work site.

**Precaution Note:** None

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**SECTION X: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not Ecotoxic.

**Environmental Fate:** Not persistent, does not bioaccumulate.

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## **SECTION XI: TRANSPORTATION INFORMATION**

### **DOT HAZARD DESCRIPTION**

**DOT Proper Shipping Name:** Not regulated  
**Identification Number:** Not regulated  
**DOT Hazard Class/Division:** Not regulated  
**Packaging Group:** Not regulated  
**Packaging Instructions:** Not regulated  
**Special Instructions:** Not regulated  
**Placard:** Not required.  
**Emergency Response Guide#:** N/A  
**US Surface Freight Class:** Not regulated

### **IATA CLASSIFICATION**

**IATA Proper Shipping Name:** Not regulated  
**Identification Number:** Not regulated  
**IATA Hazard Class/Division:** Not regulated  
**Packaging Group:** Not regulated  
**IATA Bulk Packaging Inst:** Not regulated  
**IATA Shipping Notes:** Not regulated

### **IMO CLASSIFICATION**

**IMO Proper Shipping Name:** Not regulated  
**Identification Number:** Not regulated  
**IMO Hazard Class/Division:** Not regulated  
**Packaging Group:** Not regulated  
**IMO Shipping Notes:** Not regulated  
**IMO Bulk Packaging Inst:** Not regulated  
**IMO Stowage Category:** Not regulated

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## **SECTION XII: REGULATORY INFORMATION**

**SARA Title III:** Not Regulated  
**SARA Product Classification:** Not classified.  
**Acute:** N/A  
**Chronic:** N/A  
**Fire:** N/A  
**Reactivity:** N/A  
**Pressure Generating:** N/A  
**311/312 Hazard Categories:** N/A  
**313 Reportable Ingredients:** Not subject to reporting.  
**TSCA Regulatory:** Not regulated.  
**State Regulations:** Woodstream Corp. is unaware of any local, state or federal regulations which define the active ingredients as hazardous. As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.  
**Proposition 65 Statement:** No components listed.  
**European Classification:**

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## **SECTION XIII: OTHER INFORMATION**

**Memo:** While this information and recommendations set forth are believed to be accurate as of the date hereof, Woodstream Corp. makes no warranty with respect hereto and disclaims all liability from reliance thereon.

**Date MSDS Prepared:** 1/8/2009  
**Supersedes Date:** 2/15/2008

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**Title:** Regulatory Affairs