Material Safety Data Sheet

Woodstream Corporation
69 N. Locust Street
Lititz, PA 17543

MSDS No: 899
Domestic Emergency Phone 800-424-9300
International Emergency Phone 703-527-3887
Information Phone 800-800-1819
Intl Info Phone: 717-626-2125

SECTION I: MATERIAL IDENTIFICATION
Product Number/Size: 5102 32 Ounce (fluid)
Trade Name: End All Insect Killer
Also Known As: End All
Description: Liquid Insecticide RTU
Chemical Composition: Liquid
Regulatory Licenses: EPA Reg. No. 59913-14

SECTION II: INGREDIENTS
Non-Hazardous Component (s) % BY WT CAS # Chemical Formula
Pyrethrins 8003-34-7
Potassium Salts of Fatty Acids 143-18-0
Clarified Hydrophobic Extract of Neem Oil 8002-65-1

Hazardous Ingredient (s) % BY WT CAS # OSHA/TWA PEL/STEL ACGIH/TWA TLV/STEL
Denatured Ethanol - SDA 3C 190 Proof <2.0 64-17-5 1900 mg/m3 NE 1880 mg/m3 NE
Hydrochloric Acid <2.0 7647-01-0 5 ppm NE 2 ppm NE

SECTION III: PHYSICAL DATA
Boiling Point: Not Determined
Vapor Pressure (mm Hg): Not Determined
Vapor Density (AIR=1): Not Determined
Bulk Density: 0.986 g/ml
Freezing Point: Not Determined
Solubility in Water: Forms Emulsion
Specific Gravity (Water=1): 0.99
Percent, Volatile by Volume %: N/A
Evaporation Rate (Xylene=1): N/A
Physical State: Liquid Emulsion
Appearance: Yellow
pH: 7.71

SECTION IV: FIRE AND EXPLOSION HAZARD DATA
Flash Point (method): Not Determined
Autoignition Temp.: N/A
Flammable LEL: N/A
Flammable UEL: N/A
NFPA Health Rating: 1
NFPA Fire Rating: 4
NFPA Reactivity Rating: 0
Extinguishing Material: CO2, dry chemical, foam, water

SECTION V: HEALTH HAZARD DATA
General Statement: Material is considered hazardous per 29 CFR 1910.1200. Avoid contact with skin, eyes and clothing.
Occupational Exposure Limit: See Section II
Effects of Over Exposure: None Expected
Carcinogenicity: None listed per OSHA, NTP, or IARC.
Chronic Effects: Ethanol has been shown to be a developmental toxin from chronic ingestion; such effects are not anticipated from appropriate use of this product.
Rec. Exp. Limits: See Section II
Potential Health Effects: None Expected
Acute Oral: >5000 mg/kg rat
Acute Dermal: >5000 mg/kg rat
Acute Inhalation: >2.11 mg/L rat
Eye Irritation: Moderate Irritant
Skin Irritation: Slight Irritant
Sensitization: Not a Sensitizer
**Route of Entry**  
<table>
<thead>
<tr>
<th>Symptom</th>
<th>Effect</th>
<th>First Aid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Irritation</td>
<td>Wash with plenty of soap and water. Get medical attention.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>None Expected</td>
<td>Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.</td>
</tr>
<tr>
<td>Eye</td>
<td>Irritation</td>
<td>Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>None Expected</td>
<td>If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.</td>
</tr>
</tbody>
</table>

**SECTION VI: REACTIVITY DATA**

- **Stability**: Stable
- **Conditions to avoid**: Excessive Heat
- **Materials to avoid**: Concentrated mineral supplements (fertilizers), strong oxidizers, acids.
- **Hazardous Decomposition**: None
- **Conditions to avoid**: None
- **Hazardous Polymerization**: Will not occur
- **Conditions to avoid**: None

**SECTION VII: SPILL OR LEAK PROCEDURES**

- **Steps to be taken if material is released or spilled**: Rinse with abundant water and mop up.
- **Waste Disposal Method**: Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners, or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from Federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics.
- **Product Disposal Method**: PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

- **Respiratory Protection**: In typical applications, no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges.
- **Protective Gloves**: Protective gloves (nitrile) recommended
- **Eye Protection**: Recommended to avoid contact of material directly into eyes.
- **Protective Clothing**: None required under normal use conditions.
- **Ventilation**: None required under normal use conditions.
- **Other Protective Equipment**: None required under normal use conditions.
- **Protection Note**: Personal protection information provided in this Section is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

**SECTION IX: SPECIAL PRECAUTIONS**

- **Storage and Handling**: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.
- **Other Precautions**: None
- **Precaution Note**: None

**SECTION X: ECOLOGICAL INFORMATION**

- **Ecotoxicity**: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.
- **Environmental Fate**: Not Applicable
SECTION XI: TRANSPORTATION INFORMATION

DOT HAZARD DESCRIPTION

DOT Proper Shipping Name: Not Hazardous
Identification Number: None
DOT Hazard Class/Division: None
Packaging Group: None
Packaging Instructions: None
Special Instructions: None
Placard: None
Emergency Response Guide#: N/A
US Surface Freight Class: See NMFTA Manual

IATA CLASSIFICATION

IATA Proper Shipping Name: Not Hazardous
IATA Identification Number:
IATA Hazard Class/Division: Not Regulated
Packaging Group: None
IATA Bulk Packaging Inst: N/A
IATA Shipping Notes: N/A

IMO CLASSIFICATION

IMO Proper Shipping Name: Not Hazardous
IMO Identification Number:
IMO Hazard Class/Division: Not Regulated
Packaging Group: None
IMO Shipping Notes: N/A
IMO Bulk Packaging Inst: N/A
IMO Stowage Category: N/A

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: None listed

European Classification:

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: 7/5/2011
Supercedes Date: 3/13/2009
Contact: Mark Mongiovi
Title: Product Compliance Specialist

Monday, July 18, 2011