Material Safety Data Sheet

Woodstream Corporation
69 North Locust Street
Lititz, PA 17543

SECTION I: MATERIAL IDENTIFICATION

Product Number/Size: 5452
Trade Name: Safer® Brand 3-in-1 Garden Spray II RTU
Also Known As: 3-in-1 Garden Spray II
Description: Insecticide/Fungicide/Miticide RTU
Chemical Composition: Liquid
Regulatory Licenses: EPA Reg. No. 59913-12

SECTION II: INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% BY WT</th>
<th>CAS #</th>
<th>OSHA/TWA</th>
<th>PEL/STEL</th>
<th>ACGIH/TWA</th>
<th>TLV/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Salts of Fatty Acids</td>
<td>0.75</td>
<td>N/A</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Sulfur</td>
<td>0.40</td>
<td>7704-34-9</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

SECTION III: PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Density (AIR=1)</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>8.345 lbs/gal</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
<tr>
<td>Appearance</td>
<td>Hazy Yellow</td>
</tr>
<tr>
<td>Viscosity</td>
<td>20.9 mPa-s</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Specific Gravity (Water=1)</td>
<td>0.999</td>
</tr>
<tr>
<td>Percent, Volatile by Volume %</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Evaporation Rate (Xylene=1)</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>7.86</td>
</tr>
</tbody>
</table>

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (method)</td>
<td>&gt;200 F</td>
</tr>
<tr>
<td>Autoignition Temp.</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable LEL</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Flammable UEL</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Hazardous Products</td>
<td>None known</td>
</tr>
<tr>
<td>Hazardous Products of Combustion</td>
<td>None known</td>
</tr>
</tbody>
</table>

SECTION V: HEALTH HAZARD DATA

General Statement: Material is not considered to be hazardous per 29 CFR 1910.1200.

Occupational Exposure Limit: Not Applicable

Effects of Over Exposure:
- Carcinogenicity: None listed per OSHA, NTP, or IARC.
- Chronic Effects: None Expected
- Rec. Exp. Limits: Not Applicable

Potential Health Effects:
- Acute Oral: > 5000 mg/kg Rat
- Acute Dermal: > 5000 mg/kg Rabbit
- Acute Inhalation: >2.0 mg/l
- Eye Irritation: Not an irritant
- Skin Irritation: Not an irritant
- Sensitization: Not a sensitizer

NFPA Health Rating: 1
NFPA Fire Rating: 1
NFPA Reactivity Rating: 0
Extinguishing Material: CO2, dry chemical, foam, water

Special Fire Fighting Procedures:
### Conditions to avoid:

- **EXCESSIVE HEAT**

### Materials to avoid:
- Oxidizers, nitrates, oils

### Hazardous Decomposition:

Will not occur

### Conditions to avoid:

- **EXCESSIVE HEAT**

### Hazardous Polymerization:

Will not occur

### Conditions to avoid:

- **EXCESSIVE HEAT**

### Steps to be taken if material is released or spilled:

Rinse with abundant water and mop up.

### Waste Disposal Method:

This material (as packaged) is not considered a hazardous waste. 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 and requirements.

### Product Disposal Method:

If Empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency or (800)-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

### 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 recommended

### Eye Protection:

Recommended to avoid contact of material directly into eyes

### Protective Clothing:

Not required

### Ventilation:

Not required

### Other Protective Equipment:

Not required

### 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.

### 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 persistent

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**Route of Entry** | **Symptoms/Effects of Overexposure** | **First Aid**
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Ingestion | None Expected | If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.
Skin | None Expected | Wash with plenty of soap and water. Get medical attention.
Inhalation | None Expected | Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
Eye | None Expected | Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
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: Not Regulated
Special Instructions: None
Placard: None
Emergency Response Guide#: Not Regulated
US Surface Freight Class: See NMFTA Manual

IATA CLASSIFICATION

IATA Proper Shipping Name: 
IATA Identification Number: None
IATA Hazard Class/Division: None
Packaging Group: None
IATA Bulk Packaging Inst: None
IATA Shipping Notes: None

IMO CLASSIFICATION

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

SECTION XII: REGULATORY INFORMATION

SARA Title III: Not Regulated
SARA Product Classification: Reporting not required unless TPQ exceeded in inventory
   Acute: N/A
   Chronic: N/A
   Fire: N/A
   Reactivity: N/A
Pressure Generating: Not Pressure Generating
311/312 Hazard Categories: Not Subject
313 Reportable Ingredients: Not Subject
TSCA Regulatory: None Listed
State Regulations: In the U.S.A. states such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.
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  Contact: Mark Mongiovi
Supercedes Date: 6/8/2004  Title: Regulatory Affairs