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Woodstream Corporation  
69 North Locust Street  
Lititz, PA 17543

# Material Safety Data Sheet

**MSDS No:** 578

**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:** 5110 32 Ounce (fluid)  
**Trade Name:** Safer® Brand Insect Killing Soap with Seaweed Extract II  
**Also Known As:** Organic Insect Killing Soap w/ Seaweed  
**Description:** Liquid Insecticide RTU  
**Chemical Composition:** 2.0% Potassium Salts of Fatty Acids  
**Regulatory Licenses:** EPA Reg. No. 42697-59

## SECTION II: INGREDIENTS

Hazardous Ingredient (s)	% BY WT	CAS #	OSHA/TWA	PEL/STEL	ACGIH/TWA	TLV/STEL
Potassium Salts of Fatty Acids	<2.0	N/A	NE	NE	NE	NE
Ethyl Alcohol	<1.0	64-17-5	1900 mg/m 3	NE	1880 mg/m 3	NE

## SECTION III: PHYSICAL DATA

**Boiling Point:** Not Determined  
**Vapor Pressure (mm Hg):** Not Determined  
**Vapor Density (AIR=1):** Not Determined  
**Bulk Density:** 8.25 lb/gal  
**Freezing Point:** Not Determined  
**Solubility in Water:** Soluble  
**Appearance:** Milky Brown Liquid

**Viscosity:** 0.5 cSt.  
**Odor:** Lard odor  
**Specific Gravity (Water=1):** 0.99  
**Percent, Volatile by Volume %:** Not Determined  
**Evaporation Rate (Xylene=1):** Not Determined  
**Physical State:** Liquid  
**pH:** 10.1

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**Flash Point (method):** >200 F  
**Autoignition Temp.:** Not Applicable  
**Flammable Lel:** Not Determined  
**Flammable Uel:** Not Determined  
**Hazardous Products of Combustion:** None

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

**Special Fire Fighting Procedures:**

## SECTION V: HEALTH HAZARD DATA

**General Statement:** Material is not considered to be hazardous per 29 CFR 1910.1200.  
**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  
**Acute Dermal:** >5000 mg/kg  
**Acute Inhalation:** >2 mg/liter  
**Eye Irritation:** Not an irritant  
**Skin Irritation:** Not an irritant  
**Sensitization:** Not a sensitizer

<b>Route of Entry</b>	<b>Symptoms/Effects of Overexposure</b>	<b>First Aid</b>
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.
Ingestion	None Expected	If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

#### **SECTION VI: REACTIVITY DATA**

<b><u>Stability:</u></b>	Stable
<b><u>Conditions to avoid:</u></b>	Excessive Heat
<b><u>Materials to avoid:</u></b>	Concentrated mineral supplements (fertilizers), strong oxidizers, acids
<b><u>Hazardous Decomposition:</u></b>	Will not occur
<b><u>Conditions to avoid:</u></b>	None
<b><u>Hazardous Polymerization:</u></b>	Will not occur
<b><u>Conditions to avoid:</u></b>	None

#### **SECTION VII: SPILL OR LEAK PROCEDURES**

<b><u>Steps to be taken if material is released or spilled:</u></b>	Rinse with abundant water and mop up
<b><u>Waste Disposal Method:</u></b>	Dispose in accordance with local, provincial and national regulations.
<b><u>Product Disposal Method:</u></b>	PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: 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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### **SECTION VIII: SPECIAL PROTECTION INFORMATION**

<b><u>Respiratory Protection:</u></b>	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.
<b><u>Protective Gloves:</u></b>	Protective gloves (nitrile) recommended
<b><u>Eye Protection:</u></b>	Recommended to avoid splashing of material directly into eyes
<b><u>Protective Clothing:</u></b>	Not Needed
<b><u>Ventilation:</u></b>	Not Needed
<b><u>Other Protective Equipment:</u></b>	Not Needed
<b><u>Protection Note:</u></b>	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**

<b><u>Storage and Handling:</u></b>	PESTICIDE STORAGE: Store only in a cool, dry area inaccessible to children and pets. Protect from freezing and heat. Keep container tightly closed to prevent evaporation. Do not contaminate water, food or feed by storage and disposal.
<b><u>Other Precautions:</u></b>	Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.
<b><u>Precaution Note:</u></b>	None

#### **SECTION X: ECOLOGICAL INFORMATION**

<b><u>Ecotoxicity:</u></b>	May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of wash waters.
<b><u>Environmental Fate:</u></b>	Not persistent

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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 Regulated  
**Emergency Response Guide#:** Not Regulated  
**US Surface Freight Class:** See NMFTA Manual

### **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:** 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:**

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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  
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**Contact:** Chad Mateer  
**Title:** Regulatory Affairs