Material Safety Data Sheet

Woodstream Corporation
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Lititz, PA 17543

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, Volitile 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

Route of Entry	Symptoms/Effects of Overexposure	First Aid
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

Stability: Stable

Conditions to avoid: Excessive Heat

Materials to avoid: Concentrated mineral supplements (fertilizers), strong oxidizers, acids

Hazardous Decomposition: Will not occur

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: Dispose in accordance with local, provincial and national regulations.

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.
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

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 splashing of material directly into eyes

Protective Clothing: Not Needed

Ventilation: Not Needed

Other Protective Equipment: Not Needed

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: 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.

Other Precautions: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

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 wash waters.

Environmental Fate: Not persistent

SECTION XI: TRANSPORTATION INFORMATION

DOT HAZARD DESCRIPTION

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

IATA CLASSIFICATION

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

IMO CLASSIFICATION

IMO Proper Shipping Name: Not Regulated
IMO Identification Number:
IMO Hazard Class/Division: Not Regulated
Packaging Group: None
IMO Shipping Notes: Not Regulated
IMO Bulk Packaging Inst: Not Regulated
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
Supercedes Date: 3/8/2004
Contact: Mark Mongiovi
Title: Regulatory Affairs