



Woodstream Corporation
69 North Locust Street
Lititz, PA 17543

Material Safety Data Sheet

MSDS No: 819

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: 5095 24 Ounce (fluid)

Trade Name: Safer® Brand Tomato & Vegetable Insect Killer II

Also Known As: Organic Tomato & Vegetable Insect Killer

Description: Liquid Insecticide RTU

Chemical Composition: 1.0% Potassium Salts of Fatty Acids/0.01% Pyrethrins

Regulatory Licenses: EPA Reg. No. 59913-10

SECTION II: INGREDIENTS

<u>Hazardous Ingredient (s)</u>	<u>% BY WT</u>	<u>CAS #</u>	<u>OSHA/TWA</u>	<u>PEL/STEL</u>	<u>ACGIH/TWA</u>	<u>TLV/STEL</u>
Pyrethrins	<0.02	8003-34-7	5 mg/m3	NE	5 mg/m3	NE
Potassium Salts of Fatty Acids	<2.0	N/A	NE	NE	NE	NE
Ethyl alcohol-SDA 3C	<2.0	64-17-5	1900 mg/m3	NE	1880 mg/m3	NE

SECTION III: PHYSICAL DATA

Boiling Point: Not Determined

Vapor Pressure (mm Hg): Not Determined

Vapor Density (AIR=1): Not Determined

Bulk Density: 8.262 PPG

Freezing Point: Not Determined

Solubility in Water: Soluble

Appearance: Opaque White Liquid

Viscosity: 0.5 cSt.

Odor: Slight Lard/Alcohol Odor

Specific Gravity (Water=1): 0.9904

Percent, Volatile by Volume %: Not Determined

Evaporation Rate (Xylene=1): Not Determined

Physical State: Liquid

pH: 8.4

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): 119 F

Autoignition Temp.: Not Determined

Flammable Lel: Not Determined

Flammable Uel: Not Determined

Hazardous Products of Combustion: Carbon Oxides

NFPA Health Rating: 1

NFPA Fire Rating: 2

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 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

Acute Dermal: >5000 mg/kg

Acute Inhalation: >2 mg/l

Eye Irritation: Slight 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	Irritation	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: Toxic to fish and 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: Non-Hazardous
Identification Number: None
DOT Hazard Class/Division: N/A
Packaging Group: N/A
Packaging Instructions: N/A
Special Instructions: N/A
Placard: N/A
Emergency Response Guide#: N/A
US Surface Freight Class: See NMFTA Manual

IATA CLASSIFICATION

IATA Proper Shipping Name: Non-Hazardous
Identification Number: None
IATA Hazard Class/Division: N/A
Packaging Group: N/A
IATA Bulk Packaging Inst: N/A
IATA Shipping Notes: N/A

IMO CLASSIFICATION

IMO Proper Shipping Name: Non-Hazardous
Identification Number: None
IMO Hazard Class/Division: N/A
Packaging Group: N/A
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: 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: 12/20/2007
Supersedes Date:

Contact: Chad Mateer
Title: Regulatory Affairs