

Material Safety Data Sheet

Woodstream Corporation
69 North Locust Street
Lititz, PA 17543

MSDS No: 965
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: 567GAL 1 Gallon
Trade Name: Safer® Brand Pyrethrin & Insecticidal Soap Concentrate II
Also Known As: O-SAP Insecticide Concentrate
Description: Liquid Insecticide Concentrate
Chemical Composition: Liquid Concentrate
Regulatory Licenses: EPA Reg. No. 59913-9

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	<0.3	8003-34-7	5 mg/m3	NE	5 mg/m3	NE
Potassium Salts of Fatty Acids	<20.0	N/A	NE	NE	NE	NE
Ethyl alcohol	<15.0	64-17-5	1900 mg/m3	NE	1880 mg/m3	NE

SECTION III: PHYSICAL DATA

Boiling Point: 84°C (183°F)
Vapor Pressure (mm Hg): Not Determined
Vapor Density (AIR=1): Not Determined
Bulk Density: 7.143
Freezing Point: Not Determined
Solubility in Water: Complete
Appearance: Translucent amber

Viscosity: 12.5 cps
Odor: Lardy, Alcohol Odor
Specific Gravity (Water=1): 0.856
Percent, Volatile by Volume %: Not Determined
Evaporation Rate (Xylene=1): Not Determined
Physical State: Liquid
pH: 8.0

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): 72 F
Autoignition Temp.: N/A
Flammable Lel: Not Determined
Flammable Uel: Not Determined
Hazardous Products of Combustion: Carbon Oxides

NFPA Health Rating: 2
NFPA Fire Rating: 3
NFPA Reactivity Rating: 0
Extinguishing Material: CO2, dry chemical, foam, water

Special Fire Fighting Procedures:

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: >2000 mg/kg Rabbit
Acute Inhalation: >5.0 mg/l Rat
Eye Irritation: Irritation clearing in 7 days or less
Skin Irritation: Moderate Irritation
Sensitization: Not a sensitizer

Route of Entry Symptoms/Effects of

Skin	Irritation
Inhalation	None Expected
Eye	Irritation
Ingestion	None Expected

First Aid

Wash with plenty of soap and water. Get medical attention.

Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

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: HEAT AND OPEN FLAME

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

Hazardous Decomposition: Not Determined

Conditions to avoid: HEAT AND OPEN FLAME

Hazardous Polymerization: Will not occur

Conditions to avoid: HEAT AND OPEN FLAME

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 and requirements.

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

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 Persistent

cartridges.

SECTION XI: TRANSPORTATION INFORMATION

DOT HAZARD DESCRIPTION

DOT Proper Shipping Name: Ethanol Solution
Identification Number: UN1170
DOT Hazard Class/Division: Class 3, Flammable Liquid
Packaging Group: II
Packaging Instructions: 49 CFR 173.242
Special Instructions: Label Code 3- Flammable Sticker Required
Placard: Flammable
Emergency Response Guide#: 129
US Surface Freight Class: See NMFTA Manual

IATA CLASSIFICATION

IATA Proper Shipping Name: Ethanol Solution
IATA Identification Number:
IATA Hazard Class/Division: Class 3, Flammable Liquid
Packaging Group: II
IATA Bulk Packaging Inst: 305
IATA Shipping Notes: None

IMO CLASSIFICATION

IMO Proper Shipping Name: Ethanol Solution
IMO Identification Number:
IMO Hazard Class/Division: Class 3, Flammable Liquid
Packaging Group: II
IMO Shipping Notes: None
IMO Bulk Packaging Inst: P001
IMO Stowage Category: 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
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: 2/20/2012
Supersedes Date: 7/5/2011

Contact: Mark Mongiovi
Title: Regulatory Affairs