



Woodstream Corporation
69 N. Locust Street
Lititz, PA 17543

Material Safety Data Sheet

MSDS No: 747
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: 5710 14 Ounce (fluid)
Trade Name: Safer® Brand Flying Insect Killer
Also Known As: Flying Insect Spray
Description: Insecticidal Aerosol
Chemical Composition: Liquid Aerosol
Regulatory Licenses: EPA Reg No. 36488-47

SECTION II: INGREDIENTS

Non-Hazardous Component (s)	% BY WT	CAS #	Chemical Formula			
Hazardous Ingredient (s)	% BY WT	CAS #	OSHA/TWA	PEL/STEL	ACGIH/TWA	TLV/STEL
Pyrethrins	0.05%	8003-34-7	5 mg/m3	NE	5 mg/m3	NE
Potassium Salts of Fatty Acids	1%	NA	NE	NE	NE	NE
D-Limonene	1%	5989-27-5	NE	NE	NE	NE
Ethyl alcohol-SDA 3C	5%	64-17-5	1900 mg/m3	NE	1880 mg/m3	NE

SECTION III: PHYSICAL DATA

Boiling Point: Not Determined
Viscosity: 13.0 mPa.s (cp)
Vapor Pressure (mm Hg): Not Determined
Odor: Citrus Odor
Vapor Density (AIR=1): Not Determined
Specific Gravity (Water=1): 0.99
Bulk Density: 8.262 PPG
Percent. Volatile by Volume %: Not Determined
Freezing Point: Not Determined
Evaporation Rate (Xylene=1): Not Determined
Solubility in Water: Soluble
Physical State: Liquid
Appearance: Opaque White Liquid
pH: 7.62

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): 0" flame extension
NFPA Health Rating: 2
Autoignition Temp.: Not Determined
NFPA Fire Rating: 1
Flammable Lel: Not Determined
NFPA Reactivity Rating: 0
Flammable Uel: Not Determined
Extinguishing Material: CO2, dry chemical, foam, water
Hazardous Products of Combustion: Carbon Oxides
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 Rat
Acute Dermal: >5000 mg/kg Rat
Acute Inhalation: >2.16 mg/l
Eye Irritation: Minimal Irritant
Skin Irritation: Moderately Irritating
Sensitization: Not a Sensitizer

Route of Entry Symptoms/Effects of Overexposure First Aid

Skin	Irritation	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 Known

Hazardous Polymerization: Will Not Occur

Conditions to avoid: None Known

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. Dispose of in accordance with local, provincial and national regulations. 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: Do not puncture or incinerate! If empty; Place in trash or offer to recycling. If partially filled; Call your local solid waste agency or 800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None Required

Protective Gloves: None Required

Eye Protection: None Required

Protective Clothing: None Required

Ventilation: Ventilate enclosed spaces

Other Protective Equipment: None

Protection Note: Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130 F may cause bursting. Incineration of container may cause explosion.

SECTION IX: SPECIAL PRECAUTIONS

Storage and Handling: Protect from freezing. If Frozen, thaw and shake well. Store in a cool, dry place (preferably locked) inaccessible to children and pets, and away from heat, open flame or other sources of ignition.

Other Precautions: None

Precaution Note: None

SECTION X: ECOLOGICAL INFORMATION

Ecotoxicity: This product is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Remove or cover fish aquaria in the area being treated.

Environmental Fate: Not Persistent

SECTION XI: TRANSPORTATION INFORMATION

DOT HAZARD DESCRIPTION

DOT Proper Shipping Name: Consumer Commodity
Identification Number: UN1950
DOT Hazard Class/Division: ORM-D
Packaging Group: None
Packaging Instructions: N/A
Special Instructions: N/A
Placard: None
Emergency Response Guide#: N/A
US Surface Freight Class: See NMFTA Manual

IATA CLASSIFICATION

IATA Proper Shipping Name: Consumer Commodity
IATA Identification Number: ID8000
IATA Hazard Class/Division: Class 9
Packaging Group: None
IATA Bulk Packaging Inst: Y963
IATA Shipping Notes: Shipper Declaration Must List Gross Wt, Limited Quantity Marking

IMO CLASSIFICATION

IMO Proper Shipping Name:
IMO Identification Number:
IMO Hazard Class/Division:
Packaging Group: None
IMO Shipping Notes: None
IMO Bulk Packaging Inst:
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 Listed
313 Reportable Ingredients: Not Listed
TSCA Regulatory: Not Regulated
State Regulations: Woodstream Corp. is unaware of any local, state or federal regulations, which define the active ingredients as hazardous. As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
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.

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