

SECTION I – MANUFACTURER’S INFORMATION

MANUFACTURER’S NAME Woodstream Corporation
69 North Locust Street
Lititz, PA 17543

EMERGENCY TELEPHONE NUMBER 800-484-9300

TELEPHONE NUMBER FOR INFORMATION 717-626-2125

SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

5612 Safer Brand Bioneem Multi-Purpose Insecticide and Repellent Concentrate
EPA REG # 70051-6-42697

	% by weight	CAS#	OSHA TWA	PEL STEL	ACGIH TWA	TLV STEL
Hazardous Ingredients (*):						
Azadirachtin	0.09	11141-17-6	NE	NE	NE	NE
Ethyl alcohol	< 95.0	64-17-5	1900 mg/m ³	NE	1880 mg/m ³	NE
Methyl alcohol	< 5.0	67-56-1	260 mg/m ³	NE	262 mg/m ³	328 mg/m ³

*all ingredients in quantities >1.0% (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions.

SECTION III – PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT 173°F

VAPOR PRESSURE (mmHg) Not determined

VAPOR DENSITY (Air=1) Heavier than air

BULK DENSITY 0.85

MELTING POINT Not determined

SOLUBILITY IN WATER Complete

APPEARANCE Brown to amber

ODOR Fragrant odor

PHYSICAL STATE LIQUID

pH 4.44

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 55.6°F

HAZARDOUS PRODUCTS F COMBUSTION Carbon and nitrogen oxides

AUTOIGNITION TEMPERATURE N/A

SPECIAL FIRE FIGHTING PROCEDURES Water stream may spread fire; treat as a flammable liquid

EXTINGUISHING MATERIAL CO₂, Dry Chemical, Alcohol or Polymer Foam

NFPA Ratings: Health=2 Fire=4 Reactivity=0

SECTION V – REACTIVITY DATA

STABILITY STABLE

CONTITIONS TO AVOID Keep away from heat, sparks, and open flame.

INCOMPATIBILITY (MATERIALS TO AVOID) Avoid acids, acid chlorides, oxidizing agents, reducing metals, alkali metals

HAZARDOUS POLYMERIZATION NONE WILL OCCUR

SECTION VI – HEALTH HAZARD DATA

FIRST AID MEASURES **Skin Contact:** Wash with plenty of soap and water. Get medical attention if irritation persists.
Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.
Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.
Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIAN: The range of toxicity for methanol ingestion is extremely variable. Blood levels of methanol and degree of acidemia are more indicative of risk. Visual changes have been described, and may be delayed for 12 to 24 hour. Fundoscopic findings may be normal but also may show peripapillary edema, hyperemia of the optic disc or retinal edema.

TOXICOLOGICAL INFORMATION Oral LD₅₀= >5,000 mg/kg Dermal LD₅₀= >2,000mg/kg
Inhalation LC₅₀= > 5,000 mg/m³
Carcinogens: None listed per OSHA, NTP, or IARC
Ethanol has been shown to be a developmental toxin from chronic ingestion; such effects are not anticipated from appropriate use of this product.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN EVENT MATERIALS IS RELEASED OR SPILLED DISPOSAL CONSIDERATIONS

Rinse with abundant water and mop up.
Be aware that the water 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 manufacturer; contamination or processing may change waste characteristics and requirements.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage Temperature: Keep in original container, tightly sealed when not in use. Store in a cool; dry place, away from direct sunlight. Store between 50°F - 95°F.

Storage: Store out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIRY TYPE)

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 EYE PROTECTION

Protective gloves (nitrile) recommended

Recommended to avoid contact of material directly into eyes.

SECTION IX – 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

NO DATA AVAILABLE

SECTION X – TRANSPORT INFORMATION

DOR HAZARD DESCRIPTION

Consumer Commodity, ORM-D

SECTION XI – REGULATORY INFORMATION

SARA TITLE III

Reporting not required unless TPQ exceeded in inventory

INDIVIDUAL STATES

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.

FOR ADDITIONAL INFORMATION, REFER TO THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) DOCUMENTAION OF TLV'S (THRESHOLD LIMIT VALUES) FOR INDIVIDUAL COMPONENTS AND THE DOT EMERGENCY REPOSNSE GUIDEBOOK.

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