

MATERIAL SAFETY DATA SHEET



SECTION I - MANUFACTURER'S INFORMATION

MANUFACTURER'S NAME	WOODSTREAM CORPORATION 69 NORTH LOCUST STREET LITITZ, PA 17543
EMERGENCY TELEPHONE NUMBER	800-424-9300
TELEPHONE NUMBER FOR INFORMATION	717-626-2125

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

5118 SAFER BRAND Insecticidal Soap Multi-Purpose Insect Killer Concentrate

EPA Number: 42697-1

<u>Hazardous ingredients (*)</u> :	% by weight	CAS#	OSHA TWA	PEL STEL	ACGIH TWA	TLV STEL
ethyl alcohol	<35.0	64-17-5	1900 mg/m ³	NE	1880 mg/m ³	NE
methyl alcohol	2.0	67-56-1	260 mg/m ³	NE	262 mg/m ³	328 mg/m ³
Potassium Salts of Fatty Acids	50.0	N/A	NE	NE	NE	NE

*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	80°C (176°F)
VAPOR PRESSURE (mmHg)	Not determined
VAPOR DENSITY (Air = 1)	Not determined
SPECIFIC GRAVITY	0.93
FREEZING POINT	Not determined
SOLUBILITY IN WATER	Nearly complete
APPEARANCE	Amber liquid
ODOR	Alcohol and lard odor
PHYSICAL STATE	LIQUID
PH	10.6-10.8

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	< 72°F TCC
HAZARDOUS PRODUCTS OF COMBUSTION	Not determined
AUTOIGNITION TEMPERATURE	N/A
EXTINGUISHING MATERIAL	Alcohol foam
Special Fire Fighting Measures	Water stream may spread fire

NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0

SECTION V - REACTIVITY DATA

STABILITY	STABLE
CONDITIONS TO AVOID	HEAT AND OPEN FLAME
INCOMPATIBILITY (MATERIALS TO AVOID)	Concentrated mineral supplements (fertilizers), strong oxidizers, acids
HAZARDOUS POLYMERIZATION	NONE WILL OCCUR

SECTION VI - HEALTH HAZARD DATA

FIRST AID MEASURES	<p>Skin Contact: Wash with plenty of soap and water. Get medical attention.</p> <p>Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.</p> <p>Eye Contact: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.</p> <p>Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.</p>
<p>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 hours. Funduscopic findings may be normal but also may show peripapillary edema, hyperemia of the optic disc or retinal edema.</p>	
TOXICOLOGICAL INFORMATION	<p>Oral LD₅₀ = > 5,000 mg/kg Dermal LD₅₀ = > 2,000 mg/kg Inhalation LC₅₀ => 5,00 mg/m³</p> <p>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.</p>

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN EVENT MATERIAL IS RELEASED OR SPILLED	Rinse with abundant water and mop up.
DISPOSAL CONSIDERATIONS	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.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store away from heat, 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 (SPECIFY 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	Protective gloves (nitrile) recommended
EYE PROTECTION	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	
DOT 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) DOCUMENTATION OF TLV'S (THRESHOLD LIMIT VALUES) FOR INDIVIDUAL COMPONENTS AND THE DOT EMERGENCY RESPONSE GUIDEBOOK.	
THIS INFORMATION IS PROVIDED IN GOOD FAITH, BUT WITHOUT EXPRESS OR IMPLIED WARRANTY.	

Date MSDS Prepared: 6/29/01

Supersedes: 5/20/01

Contact: Nathan P. Ehresman Regulatory Affairs, Woodstream Corp.