



Material Safety Data Sheet

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SECTION I: MATERIAL IDENTIFICATION

Product Number/Size: 01-2009CAN 4 Liter
Trade Name: 4Lx4 INSECTICIDAL SOAP CONC
Also Known As: Insecticidal Soap Concentrate
Description: Liquid Insecticide Concentrate
Chemical Composition: Liquid Concentrate
Regulatory Licenses: P.C.P. Registration Number: 14669

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>
Potassium Salts of Fatty Acids	50.50	N/A	NE	NE	NE	NE
Ethyl Alcohol	<30.0	64-17-5	1900 mg/m3	NE	1880 mg/m3	NE
Isopropyl Alcohol	< 5.0	67-63-0	400 mg/m3	NE	400 mg/m3	400 mg/m3

SECTION III: PHYSICAL DATA

Boiling Point: 80°C (176°F) **Viscosity:** 3 cSt.
Vapor Pressure (mm Hg): Not Determined **Odor:** Lard odor
Vapor Density (AIR=1): Not Determined **Specific Gravity (Water=1):** 0.93
Bulk Density: 7.75 lb/gal **Percent, Volatile by Volume %:** Not Determined
Freezing Point: Not Determined **Evaporation Rate (Xylene=1):** Not Determined
Solubility in Water: Highly Soluble **Physical State:** Liquid
Appearance: Amber liquid **pH:** 10.6-10.8

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): <72 F **NFPA Health Rating:** 2
Autoignition Temp.: Not Applicable **NFPA Fire Rating:** 3
Flammable Lel: Not Determined **NFPA Reactivity Rating:** 0
Flammable Uel: Not Determined **Extinguishing Material:** Alcohol foam
Hazardous Products of Combustion: Not Determined

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: Not Determined
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: > 2000 mg/kg
Acute Inhalation: >5.00 mg/l
Eve Irritation: Irritation clearing in 8-21 days
Skin Irritation: Severe irritation at 72 hours
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	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: HEAT AND OPEN FLAME

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

Hazardous Decomposition: Will not occur

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: 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 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: 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: 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

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:
Identification Number: UN1170
IATA Hazard Class/Division:
Packaging Group: II
IATA Bulk Packaging Inst: 305
IATA Shipping Notes: None

IMO CLASSIFICATION

IMO Proper Shipping Name:
Identification Number: UN1170
IMO Hazard Class/Division:
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: N/A
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.

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