

SAFETY DATA SHEET



Issuing Date: 10 Nov 2015

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: EcoSMART Organic Insect Killer Concentrate / Fire Ant Drench

Other Means of Identification:

Synonyms: KIT087
Item # 33149

Recommended Use: Insecticide Concentrate / Fire Ant Drench – Hose-end

Uses Advised Against: No information available

Details of the Supplier of the Safety Data Sheet

Supplier Name: EcoSMART, a division of Kittrich Corp.

Supplier Address: 1585 West Mission Blvd
Pomona, CA 91766, USA

Supplier Phone Number: Phone: (714) 736-1000

Supplier Email: DwightD@kittrich.com

Emergency Telephone Number: Info Trac Chemical Response System
800-535-5053 (24 hours)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1B
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GHS Label Elements, Including Precautionary Statements

Emergency Overview

Signal Word:	Warning
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Hazard Statements:	May cause an allergic skin reaction
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**Appearance:** Milky white**Physical State:** Emulsion Liquid**Odor:** Minty**Precautionary Statements - Prevention**

P264 – Wash ... thoroughly after handling.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P363 – Wash contaminated clothing before reuse.

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

Skin

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

P402 – Store in a dry place.

Precautionary Statements - Disposal

P501 – Dispose of contents/container to an approved waste disposal facility

Hazards not Otherwise Classified (HNOC)

Not applicable

Unknown Toxicity

Not applicable

Other Information

Specific data regarding toxicity to fish and other aquatic organisms is not available for this product. Care should always be taken to prevent insecticides from entering aquifers.

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium lauryl sulfate	151-21-3	0.06	-
Rosemary oil	8000-25-7	5.0	-
Peppermint oil	8006-90-4	1.0	-
Water, polyglyceryl oleate, wintergreen oil, mineral oil.	-	-	To 100%

4. FIRST AID MEASURES

First Aid Measures

General Advice:	Show this safety data sheet to the doctor in attendance.
Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact:	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction.
Inhalation:	Remove to fresh air. If symptoms persist, call a physician.
Ingestion:	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Most Important Symptoms and Effects Itching. Rashes. Hives.

Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician: Treat symptomatically. May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code Sensitizer: Liquid

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact: No.

Sensitivity to Static Discharge: No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Avoid contact with eyes.

Environmental Precautions

Environmental Precautions Refer to protective measures listed in Sections 7 and 8.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for Safe Storage, Including any Incompatibilities

Storage: Keep container tightly closed.

Incompatible Products: None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Other Exposure Guidelines: See section 15 for national exposure control parameters

Appropriate Engineering Controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection: Not required. Wear safety glasses with side shields (or goggles) is recommended.

Skin and Body Protection: Not required. Wear protective gloves and protective clothing is recommended.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Emulsion Liquid		
Appearance	Milky white	Odor	Mint-like
Color	No information available	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	6.0	
Melting / freezing point	No data available	
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	>100 deg C	
Evaporation Rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Specific Gravity	0.99 g/mL	
Water Solubility	Emulsifies	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	5%
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information:	Product does not present an acute toxicity hazard based on known or supplied information. .
Inhalation:	Specific test data for the substance or mixture is not available.
Eye Contact:	Specific test data for the substance or mixture is not available.
Skin Contact:	Specific test data for the substance or mixture is not available.
Ingestion:	Specific test data for the substance or mixture is not available.
Component Information:	Not available

Information on Toxicological Effects

Symptoms: Itching. Rashes. Hives.

Delayed and Immediate Effects as Well as Chronic Effects from Short and Long Term Exposure

Sensitization:	May cause sensitization of susceptible persons. May cause sensitization by skin contact.
Mutagenic Effects:	No information available.
Carcinogenicity:	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity:	No information available.
STOT - single exposure:	No information available.

STOT - repeated exposure:	No information available.
Chronic Toxicity:	No known effect based on information supplied.
Target Organ Effects:	Skin.
Aspiration Hazard:	No information available.

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document:

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

Specific data regarding toxicity to fish and other aquatic organisms is not available for this product. Care should always be taken to prevent insecticides from entering aquifers.

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other Adverse Effects

No information available.

14. TRANSPORT INFORMATION

Ground (DOT)

Not regulated for transport
Poison Inhalation Hazard: Not REGULATED

Air (IATA)

Not regulated for transport

Marine (IMDG)

Not regulated
Marine pollutant: Not regulated

15. REGULATORY INFORMATION

This SDS is prepared to meet the requirements of OSHA and the GHS, and may contain precautionary statements and signal words that are different than or in addition to the pesticide label, which is regulated through the US EPA under Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA").

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by the state right to know regulations.

International Regulations

Canada

WHMIS Hazard Class

D2B - Toxic materials



16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	Health Hazards 1	Flammability 0	Physical Hazard 0	Personal Protection X

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Revision Note: Updated Hazards Section 2

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet