

# SAFETY DATA SHEET

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory requirements.

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety and environmental information as defined by OSHA for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use. Whereas product labeling provides information specifically for product use as required under FIFRA 25b(2).

**Issuing Date** 23 Mar 2015

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**Revision Number** 1

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

### Product identifier

**Product Name** EcoSMART Organic Insecticide Flying Insect Killer

### Other means of identification

**UN-No.** UN1950

**Synonyms** KIT023  
Item # 33014 & 33108

### Recommended use of the chemical and restrictions on use

**Recommended Use** Insecticide, Flying Insect killer - Aerosol

**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  
Fax: (714) 736-2000  
**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)

May cause eye irritation	GHS Category 2B
Skin sensitization	Category 3
Flammable Aerosols	Category 2

### GHS Label elements, including precautionary statements

**Emergency Overview****Signal word****Caution****Hazard Statements**

May cause eye irritation

May cause an allergic skin reaction

May cause respiratory irritation. May cause drowsiness or dizziness

Aerosol under pressure

**Appearance** Milky white**Physical State** Liquid spray Aerosol**Odor** Minty**Precautionary Statements - Prevention**

Avoid breathing fumes/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Pressurized container: Do not pierce or burn, even after use

**Precautionary Statements - Response**

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

**Skin**

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

**Inhalation**

IF INHALED: Move exposed person to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed

Store locked up

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

Not applicable

**Other information**

May cause mild skin irritation

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

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.

**Interactions with Other Chemicals**

Irritants. Sensitizers. Epoxies.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Rosemary oil	8000-25-7	1.0	-
Peppermint oil	8006-90-4	2.0	-
Geraniol	106-24-1	0.5%	-
water, white mineral oil, wintergreen oil, polyglyceryl oleate, vanillin, nitrogen	-	-	To 100%

**4. FIRST AID MEASURES****First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. 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. Rinse mouth immediately and drink plenty of water. If symptoms persist call a physician.

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects**

Burning sensation. 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

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

### 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**

Aerosols: Level II

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

### Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk. 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**

A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

#### **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 breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Avoid contact with eyes. Keep away from open flames, hot surfaces and sources of ignition.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, flame and other sources of ignition. Keep in properly labeled containers. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

**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 for consumer use.. 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. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical State</b>	Water-based spray Aerosol	<b>Odor</b>	Minty
<b>Appearance</b>	Milky white	<b>Odor Threshold</b>	No information available
<b>Color</b>	White		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>	
pH	7	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	Approx 100 deg C	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	0.99 g/mL	None known	
Water Solubility	Soluble in water	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing Properties	No data available		
<b><u>Other Information</u></b>			
Softening Point	No data available		
VOC Content (%)	0%		
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

Heat, flames and sparks.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information. .
<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available. Irritating to eyes. Expected to be an irritant based on components. May cause redness, itching, and pain. May cause temporary eye irritation.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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### Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes. 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. May cause sensitization by inhalation.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
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*IARC (International Agency for Research on Cancer)*

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**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**

Chemical Name	Log Pow
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**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

Chemical Name	California Hazardous Waste
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**14. TRANSPORT INFORMATION****DOT**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Packing Group	NONE
Description	UN1950, AEROSOLS, 2.2
Emergency Response Guide Number	126



**TDG**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Description	UN1950, AEROSOLS, 2.2

**MEX**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Description	UN1950, AEROSOLS, 2.2

**ICAO**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Description	UN1950, AEROSOLS, 2.2

**IATA**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS, NON-FLAMMABLE
Hazard Class	2.2
Description	UN1950, AEROSOLS, 2.2

**IMDG/IMO**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
EmS No.	F-D, S-U
Description	UN1950, AEROSOLS, 2.2

**RID**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Classification code	5F
Description	UN1950, AEROSOLS, 2.2

**ADR**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Classification code	5F
Tunnel restriction code	(D)
Description	UN1950, AEROSOLS, 2.2

**ADN**

UN-No.	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.2
Classification code	5F
Special Provisions	190, 327, 344, 625
Description	UN1950, AEROSOLS, 2.2
Limited Quantity	1 L
Ventilation	VE01, VE04

**15. REGULATORY INFORMATION**

**International Inventories**TSCA  
DSLComplies  
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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
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**SARA 311/312 Hazard Categories**

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Nitrogen 7727-37-9	X	X	X		-

**International Regulations****Mexico****National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
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Mexico - Occupational Exposure Limits - Carcinogens

**Canada****WHMIS Hazard Class**

A - Compressed gases  
B5 - Flammable aerosol  
D2B - Toxic materials

**16. OTHER INFORMATION**

NFPA	Health Hazards 1	Flammability 2	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 1	Flammability 2	Physical Hazard 0	Personal Protection X

**Prepared By** Kittrich Corp.  
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Pomona, CA 91766  
(714) 736-1000

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**Revision Note** No information available

**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**