

Material Safety Data Sheet

October 2010

SECTION 1: IDENTIFICATION

Product Name: Xout Bed Bug Spray Kit (16 oz+2oz)
Product Description: Geraniol water based spray
Manufacturer's Name: Xout
Address: 83 Woodrock Rd Weymouth MA 02189
Phone: 781-264-9544

**SECTION 2: COMPOSITION OF ACTIVE &
INERT INGREDIENTS**

<u>Chemical Name:</u>	<u>CAS No.</u>	<u>% By Weight</u>
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Active

Geraniol	106-24-1	1.00
Peppermint Oil	8030-01-1	0.20
Soybean Oil	8001-22-7	0.02
Citric Acid	77-92-9	0.01

Other Ingredients (Inert)

Water	7732-18-5
Polyglyceryl oleate	9007-48-1
Glyceryl dicaprylate	36354-80-8

All active and inert ingredients are from EPA 25b Exempt list and are Generally Regarded As Safe (GRAS). Components and product can be used on and around food, food crops or animal feed.

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity:	0.9-.99g/l
Solubility in Water:	Soluble
Appearance:	Clear Liquid

Flash Point:	Not flammable
Decomposition temperature:	Unknown

SECTION 4: FIRE FIGHTING MEASURES

Flammable Limits:	Non-Flammable water emulsion
Fire and Explosion Hazards:	Non-Flammable water emulsion
VOC Content:	0% by weight
Lead Content	0% by weight
Phthalates Content	0% by weight

SECTION 5: HEALTH HAZARDS & FIRST AID MEASURES

Eyes:	May cause eye irritation
Skin:	May cause skin irritation in rare cases.
Hypersensitivity:	Not a primary skin sensitizer. Low exposure dose.
Skin Absorption:	No evidence of adverse effects.
Ingestion:	Non-toxic
Inhalation:	Non -toxic
Systemic and other effects:	No evidence of adverse effects.
Toxicity:	Non-Toxic
Potential Carcinogen:	No
Mutagenicity/Genotoxicity:	Negative

FIRST AID MEASURES

Eyes:	Flush eyes with a directed stream of water for at least 15 minutes.
Skin:	In rare case of skin irritation flush skin with water and wash with soap and water. If skin irritation persists consult a physician.
Ingestion:	Do not induce vomiting. Drink large quantities of liquid (milk, egg whites, gelatin solution and water)
Inhalation:	Non Toxic-move patient to fresh air

SECTION 6: STABILITY AND REACTIVITY

Hazardous Polymerisation:

Hazardous polymerization will not occur.

Materials to avoid:

Avoid contact with strong oxidizing and reducing agents.

SECTION 7: ACCIDENTAL RELEASE MEASURES

Spills:

Dispose in accordance with all applicable federal, state and local health and environmental regulations.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye protection:

None required

Skin protection:

Use rubber gloves when handling bulk product.

SECTION 9: HANDLING AND STORAGE

General Precautions:

Keep container closed when handling or storing.

SECTION 10: OTHER INFORMATION

Transportation-D.O.T. Regulations

Not Regulated-Non-Hazardous Material