

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** Natunex™ Stinging Insect Killer  
**Revision date** 11/26/2013  
**Version #** 01  
**CAS #** Mixture  
**MSDS number** 1.0  
**Manufacture/Supplier** TyraTech, Inc.  
 5151 McCrimmon Parkway, Suite 275  
 Morrisville, NC 27560 US  
[msdsinfo@tyratech.com](mailto:msdsinfo@tyratech.com)  
 General Information: 1-866-951-2847  
**Emergency** 24-Hour Emergency Assistance: CHEMTREC: 1-800-424-9300 (toll free)  
 1-202-366-4488 (international)

## 2. Hazards Identification

**Physical State** Liquid  
**Appearance** Aerosol (clear liquid)  
**Emergency overview** CAUTION  
 Flammable liquid and vapor.  
**OSHA regulatory status** This product is exempt under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, in an industrial setting it would be considered hazardous.  
**Potential health effects**  
**Eyes** May cause eye irritation on direct contact.  
**Skin** Not expected to be a primary skin irritant.  
**Inhalation** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.  
**Ingestion** Ingestion is not likely to be a primary route of occupational exposure.  
**Potential environmental effects** Not Known.

## 3. Composition/Information on Ingredients

Components	CAS #	Percent
Geraniol	106-24-1	0.89%
Other Ingredients*		99.11%
White Mineral Oil	8042-47-5	
Carbon Dioxide	124-38-9	
Proprietary Ingredients		

## 4. First Aid Measures

### First Aid Procedures

**Eye contact** If in eyes, hold open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If irritation continues, contact a medical professional for treatment advice.

**Skin contact** Wash area with soap and water. Get medical attention if irritation develops or persists.

**Inhalation** Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**Ingestion** Seek medical advice.

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Flammable liquid and vapor. Aerosol containers can explode when heated, due to excessive pressure build-up.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water. Water fog. Foam. Dry Chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Fire Fighting equipment/instructions</b>	Self-Contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Specific methods</b>	Use water spray to cool unopened containers. Stop leak if you can do so without risk. Move container from fire area if it can be done without risk.
<b>Hazardous combustion</b>	Carbon oxides. Nitrogen oxides.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Stop leak if you can do so without risk.
<b>Methods for cleaning up</b>	Allow gas to dissipate into the atmosphere. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Large Spills: Flush area with water. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

## 7. Handling and Storage

<b>Handling</b>	Keep away from heat, sparks and open flame. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.
<b>Storage</b>	Store at room temperature in a dry area away from heat, sparks or open flame. Do not expose to heat or store at temperatures above 130°F.

## 8. Exposure Controls / Personal Protection

<b>Engineering controls</b>	Ensure adequate ventilation, especially in confined areas
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	Not necessary under normal conditions.
<b>Respiratory protection</b>	Not necessary under normal conditions.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Aerosol (clear liquid).
<b>Color</b>	Colorless.
<b>Odor</b>	Floral.
<b>Physical state</b>	Liquid.
<b>Form</b>	Aerosol.
<b>Flash point</b>	86° F (30° C)
<b>Vapor density</b>	> 1
<b>Specific gravity</b>	0.82
<b>Solubility (water)</b>	0.1 – 1% slightly soluble.
<b>Dielectric strength</b>	33.73 (kV)

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Keep away from heat, sparks and open flame.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition</b>	No hazardous decomposition products are known.
<b>Products</b>	
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

**Sensitization** Not expected. In hypersensitive individuals, may cause skin sensitization.  
**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## 12. Ecological Information

**Ecological toxicity** None known.

## 13. Disposal Considerations

**Disposal instructions** Do not reuse container. When container is empty, recycle if possible or dispose in trash.  
**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

**Product Specific Note:** This product meets the limited quantities exception as follows:  
 DOT: Limited quantities up to 1 liter.  
 IMDG: Limited quantities up to 1 liter.

### DOT

#### Basic shipping requirements:

**UN number** UN 1950  
**Proper shipping names** Aerosols, flammable  
**Hazard class** 2.1  
**Labels required** 2.1

#### Additional information:

**Special provisions** N82  
**Packaging exceptions** 306  
**Packaging non bulk** None  
**Packaging bulk** None  
**ERG number** 126

## 15. Regulatory Information

**US federal regulations** This product is exempt under the criteria of the Federal OSHA Hazard Communication standard 29 CFR 1910.1200. However, in an industrial setting it would be considered hazardous.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### US EPCRA (SARA Title III) Section 313 – Toxic Chemical: De minimis concentration

Alcohol (CAS Proprietary) 1.0%

### US EPCRA (SARA title III) Section 313 – Toxic Chemical: Listed substance

Alcohol (CAS Proprietary) Listed.

**State Regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm

## 16. Other Information

**Further Information** HMIS® is a registered trade and service mark of the NPCA

**HMIS® ratings** Health: 1  
 Flammability: 3  
 Physical hazard: 0  
**NFPA ratings** Health: 1  
 Flammability: 3  
 Physical hazard: 0

**Disclaimer** The information given is based on data available for the material, the components of the material, and similar materials.

**Issue date** 11/26/2013