

# MATERIAL SAFETY DATA SHEET

## Section 1: Chemical Product & Company Identification

Trade Name: **EXODUS VCS RWI GRANULES & EXODUS VCS RWI POUCHES**  
CAS Name: Mixture  
Product Description: A readily biodegradable EPA-exempt pesticide.  
Manufacturer's Name: 360 Biosecurity, LLC  
Address: 21921 SE H.K. Dodgen Loop, Temple, TX 76502  
Phone: 254-265-6392 (email: info@360biosecurity.com)

## Section 2: Composition / Information on Ingredients

These pesticides are made with **Actives:** Oils of Cedar, Peppermint, Citronella, Cinnamon, Clove, Geranium, Garlic. **Inerts:** Zeolite, Perlite, Water, Isopropyl Alcohol, Ethyl Lactate and are a proprietary composition *not considered hazardous* under the OSHA Hazard Communication Standard CFR Title 29 1910 1200. 100% of the ingredients are on the EPA inert and active ingredients exemption lists under FIFRA Section 25b.

## Section 3: Physical and Chemical Properties

Vapor Pressure: mm Hg N/A  
Vapor Density (air = 1): N/A  
Specific Gravity: (H<sub>2</sub>O=1) N/A  
Solubility in Water: Non-Soluble  
Volatile Organic: Negligible  
Appearance: Tan in color  
pH: N/A  
Normal Boiling Point: N/A  
Flash Point: N/A  
Freezing Point: N/A  
Odor: Pleasant Fragrance  
Toxicity to Animals: LD50: Not available  
LC50: Not available  
Emergency Overview: Irritant

## Section 4: Fire Fighting Measures

Flammable Properties: Flammable  
Flash Point: N/A  
Flammable Limits: Not determined.  
Hazardous Combustion: Oxides of sulfur, oxides of carbon  
Extinguishing Media: Water fog or fine spray, carbon dioxide (CO<sub>2</sub>), dry chemical, foam.  
Unusual fire/explosive hazards: None known.  
Fire Fighting Instructions: N/A

## Section 5: Hazards Identification and First Aid Measures

HEALTH = 0,1,2 Fire = 0 Reactivity = 0 Personal Protection = See Section 9

**Routes of Entry:** Product may enter the body via contact with eyes, skin, inhalation and/or ingestion. See Section 9.

### Potential Acute Health Effects:

**Eye** – Eye contact may cause irritation characterized by redness, watering and/or itching. Avoid eye contact with product.

**Skin**- Permeation of the skin, so skin contact may cause irritation characterized by redness and/or peeling. In case of skin irritation, immediately wash with soap and water and discontinue use.

**Ingestion** - Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea and irritation of mouth and throat. Do not taste or swallow product.

**Inhalation** – May cause irritation of respiratory tract; move to fresh air. If you have asthma, COPD, Emphysema or other respiratory issues stay away from product to prevent possible breathing issues. If symptoms persist, contact a physician.

**Potential Chronic Health Effects:** CARCINOGENIC EFFECTS: Not available.  
MUTAGENIC EFFECTS: Not available.  
TERATOGENIC EFFECTS: Not available.  
DEVELOPMENTAL TOXICITY: Not available.  
Repeated or prolonged exposure to peppermint oil in the product may produce target organs damage.

**First Aid Measures:**

**Eye Contact:** If irritation is noted, **immediately** wash eyes with a directed stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. *Get immediate medical attention if irritation occurs.*

**Skin Contact:** After contact with skin, wash immediately with soap and water. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. If clothing is penetrated, immediately remove clothing and wash with soap and water. Wash contaminated clothing before reusing.

**Serious Skin Contact (Drenched):** Not applicable

**Ingestion:** Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Loosen tight clothing such as ties, belts or waist bands

**Inhalation:** Remove to fresh air or well-ventilated area If breathing becomes labored. If you have asthma, COPD, emphysema, or other respiratory issues avoid breathing vapors. *Get immediate medical attention if irritation continues.*

#### Section 6: Stability and Reactivity:

**Hazardous Polymerization:** Hazardous polymerization is not thought to occur.

**Materials to Avoid:** Avoid contact with strong oxidizing and reducing agents

**Strong oxidizers:** Do not mix with strong acid or strong alkali solution

**Conditions to Avoid:** See Section 7

**Hazardous Decomposition:** Not known. See Section 5

#### Section 7: Accidental Release Measures

**Large Spill:** Contain spill. Prevent from entering drains, sewers or streams. Dispose in accordance with all applicable federal, state and local health environmental guidelines. Recover all usable material. Dispose unusable material in landfill or waste receptacle. In case of a large spill by truck, use small spill procedure. Call CHEMTREC at 1-800-424-9300.

**Spill:** Contain spill. Recover all usable material. Pick up balance and clean the area.

#### Section 8: Fire and Explosion Data

<b>Flammability of the Product:</b>	Flammable
<b>Auto-Ignition Temperature:</b>	N/A
<b>Flash Points:</b>	N/A
<b>Flammable Limits:</b>	Not determined
<b>Products of Combustion:</b>	Oxides of sulfur, oxides of carbon

**Fire Hazards in Presence of Various Substances:** Not available

**Explosion Hazards in Presence of Various Substances:** Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

## Fire Fighting Media and Instructions:

**SMALL FIRE:** Use DRY chemical powder.

**LARGE FIRE:** Use water spray, fog or foam. Do not use water jets

**Special Remarks on Fire Hazards:**

Not available.

**Special Remarks on Explosion Hazards:**

Not available.

## Section 9: Exposure Controls, Personal Protection

### Personal Protection:

**Gloves:** Wear Gloves especially if sensitive.

**Safety Glasses:** Keep out of eyes. Use tightly fitted safety glasses and if splashes are likely to occur, wear a face shield.

**Skin Protection:** Wear protective gloves/clothing.

**Respiratory Protection:** Wear mask if sensitive. Never inhale any particulate matter.

## Section 10: Handling and Storage

**Precautions:** Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

**Storage Temperature:** Store this product below 120o F. (40o C.), preferably below 75o F. (24o C), in a cool, dry, well ventilated area away from heat, Store away from sparks, flames, oxidizers and out of direct sunlight. For best results use within 12 months. Never co-mingle with bactericides or quaternary disinfectants, as they will degrade/inactivate the product.

**General Precautions:** Keep container tightly closed when handling or in storage.

## Section 11: Other Information

**Disclaimer:** The information contained herein is believed to be accurate and represents the best information currently available to us and is based on data available to use and reflects our best professional judgment. However, no warranty is expressed or implied regarding the accuracy of such information or the results obtained from the use thereof. We assume no legal responsibility whatsoever for any damage resulting from reliance upon this information since it is being furnished upon the condition that person receiving it shall make his or her own determination of the suitability of the material herein for a particular application or storage situation.

To promote safe handling, each customer or recipient should:

1. Notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards or safety
2. Furnish this same information to each of its customers for the product.
3. Request its customers to notify their employees, customers and other users of the product of this information.

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