

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product & Company Identification

Trade Name: **EXODUS VCS RWI DUST & EXODUS VCS RWI POUCHES**
CAS Name: Mixture
Product Description: A readily biodegradable EPA-exempt pesticide, Non-Regulated
Manufacturer's Name: 360 Biosecurity, LLC
Address: 21921 SE H.K. Dodgen Loop, Temple, TX 76502
Phone: 254-265-6392

Section 2: Composition / Information on Ingredients

Actives: Oils of Cedar, Peppermint, Lemongrass, Cinnamon, Clove, Citronella, Geranium, Garlic.

Inert: Water, Perlite, Diatomaceous Earth (DE), Alcohol, Ethyl Lactate

Ingredients are a proprietary composition *not considered hazardous* under the OSHA Hazard Communication Standard CFR Title 29 1910 1200. **Protected under U.S. Patent No. 11,547,118**

Minimum Risk Pesticide: This product has not been registered by the United States Environmental Protection Agency. 360 Biosecurity, LLC represents that Exodus VCS RWI Dust and Exodus RWI Pouches qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act, (FIFRA, Section 25b)

Section 3: Hazards Identification

Routes of Entry: Eyes Skin Inhalation Ingestion

Eyes – Eye contact may cause irritation/inflammation characterized by redness, watering and/or itching.

Skin- Permeation/Absorption and dryness of the skin. Contact may cause irritation characterized by redness, itching, scaling, dryness.

Inhalation – May cause irritation of respiratory tract; move to fresh air.

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

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Peppermint Oil: Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged inhalation of vapors may lead to respiratory irritation.

OSHA and NIOSH share the position that an exposure limit is appropriate for the respirable fraction of any airborne particulate in the workplace.

Medical Conditions: Persons with asthma, COPD, Emphysema or any other lung disease and sensitive to dust particles, should avoid exposure to vapors and dust, as it may induce a reaction that could impair proper breathing and may experience discomfort when exposed to heavy concentrations of airborne material. ACGIH states "Amorphous Alumina Silicate is considered a *nuisance dust* which seems to have little adverse effect on the lungs and does not produce problems when exposures are kept under reasonable control."

Section 4: First Aid Measures

- Eyes:**
- Remove contact lenses, if applicable.
 - Do not rub eyes
 - Flush with plenty of water or eye wash solution for 15 minutes.
 - Seek medical attention
- Skin:**
- Remove contaminated clothing.
 - Wash with soap and flush with plenty of water.
 - Seek medical attention, if irritation persists.
- Ingestion:**
- Do not induce vomiting
 - Drink water or milk to dilute
 - Contact poison control center or seek medical attention immediately.
- Inhalation:**
- Avoid gross inhalation of dust and vapors
 - Move to fresh air
 - Seek medical attention if needed.

Section 5: Fire Fighting Measures

Flammable Properties:	Non-Flammable
Flash Point:	Not determined
Flammable Limits:	Not determined
Hazardous Combustion:	Oxides of sulfur, oxides of carbon
Extinguishing Media:	Water fog, fine spray, carbon dioxide (CO ₂), dry chemical, foam.
Unusual Fire/Explosive Hazards:	None known
Explosion Hazards Due to Impact:	None known
Explosion Hazards Due to Static Discharge:	None known

Special Firefighting Procedures:

- Firefighters should wear positive pressure, self-contained breathing apparatus.
- Cool containers exposed to flame with water spray
- Spray extinguishing media directly into base of fire

Hazardous Decomposition Materials: CO, CO₂, smoke and unidentified organic compounds may be formed during combustion.

Section 6: Accidental Release Measures

- Eliminate all sources of ignition
- Ventilate area of spill, if applicable
- Use respirators suitable for nuisance dust and eye protection
- Contain and collect spillage
- Prevent from entering sewers and waterways
- Spills can be discarded in waste container or landfill
- Wash area with soap and water or wash down and collect rinse fluids.
- Wear impervious gloves/overalls and eye protection during clean-up of spill
- Do not mix with other waste materials
- Dispose of in accordance with Federal, State, and Local authority regulations
- Seek advice from the local waste authority or contact medical for guidance

Section 7: Handling and Storage

Handling:

- Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes and inhalation.
- Wear eye protection, gloves and aprons, respirator suitable for nuisance dust protection.
- Ventilate area well

Storage:

- Storage temperatures above 32°F (0°C) and below 120°F (40°C.)
- Store in a cool, dry, ventilated area away from direct heat or sunlight.
- Store away from sparks, flames, or oxidizers.
- Never co-mingle with bactericides or quaternary disinfectants, as they will degrade/inactivate the product.
- Keep container tightly closed.

Section 8: Exposure Control / Personal Protection

Threshold Limit Value: Not established

OSHA Permissible Limit: Not established

Work Practice Controls: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material.

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

Respiratory: Avoid casual breathing of vapors and any dust particles. Wear respirator suitable for nuisance dust protection.

Ventilation: Local, mechanical exhaust is recommended.

Eyes: OSHA approved safety goggles or glasses.

Skin: Wear chemical resistant gloves and clothing to avoid skin contact.

Note: Suggested clothing may not be enough in case of a large spill. Consult a specialist before handling this product.

Section 9: Physical and Chemical Properties

Vapor Pressure: Not available

Vapor Density (air = 1): Not available

Specific Gravity (H₂O-1): Not available

Solubility in Water: Insoluble

Volatile Organic: Negligible

Appearance: White in color, Powder

pH: 7-9

Normal Boiling Point: Not available

Flash Point: Not available

Freezing Point: <32°F. (0°C.)

Odor: Pleasant Fragrance / Peppermint, Garlic Scent

Toxicity to Animals: LD50: Not available

LC50: Not available

Emergency Overview: Irritant

Section 10: Stability and Reactivity

Stability:	Stable under normal conditions
Incompatibility:	Hydrofluoric Acid
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:	Avoid contact with sparks, flame and heat
Hazardous Decomposition:	CO, CO ₂ , smoke and unidentified organic compounds may be formed during combustion. May react with hydrofluoric acid

Section 11: Toxicological Information

CAUTION: Dust and vapors may be irritating to eyes, skin, mucous membranes.

Chronic Effects on Humans:	Not available
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation, of eye contact (irritant)

Other Remarks on Other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin - May cause skin irritation

Eyes - Causes eye irritation. May cause loss of corneal epithelium, corneal infiltration, release of pigment into the anterior chamber with deposits on the back of the cornea. Dust contact with eyes may cause temporary scratchiness or redness.

Inhalation - May cause respiratory tract irritation. Prolonged and repeated exposure to excessive concentrations of this product's dust or any nuisance dust can cause chronic pulmonary disease. This product has not been classified as a carcinogen.

Ingestion - May cause gastrointestinal tract irritation.

May affect behavior/central nervous system (mild stimulation followed by depression, twitching, spastic convulsions, ataxia), and respiration (slowed respiration).

Other symptoms may include atrial fibrillation, muscle pain, cooling sensation, burning sensation.

Chronic Potential Health Effects:

Skin - Prolonged or repeated skin contact may cause allergic dermatitis.

Ingestion - Prolonged or repeated ingestion may affect the urinary system and brain.

Section 12: Ecological Information

Ecotoxicity:	Some ingredients in this product is toxic to aquatic organisms
Ecological Overview:	Not expected to cause significant environment impact.
Mobility:	The product will not dissolve/mix in water. May translocate due to wind.
Persistence/Degradability:	This product is readily biodegradable and considered inert in the environment
Bio-Accumulation:	This product is surface active. Do not release into surface water

Section 13: Disposal Considerations

- When disposing of waste or surplus material avoid contact with the eyes and skin. Impervious gloves, overalls, face shield, and respirator must be worn.
- Do not wash into drains
- Do not mix with other waste materials
- Dispose of in accordance with Federal, State, and Local Authorities regulations.
- Seek advice from the local waste authority or contact medical for guidance.

Section 14: Transport Information

USDOT Proper Shipping Name: Perlite, Crude
DOT Hazard Classification: Shipping Class 55, not a DOT controlled material (United States)

Section 15: Regulatory Information

Irritant

Risk of serious damage to eyes and/or eye irritant

Irritating to skin

In case of contact with eyes, remove contact lenses (if applicable), do not rub eyes, rinse immediately with plenty of water. Seek medical advice.

Wear eye/face, respiratory protection

No exposure standards have been set for the substances present in this product.

Section 16: Other Information

This information is provided for documentation purposes only.

Uses & Restrictions: The uses of this product are limited to the instructions on the product label.

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.

This safety sheet cannot cover all possible situations which the user may experience during use. Each aspect of your usage should be examined to determine if, or where, additional precautions may be necessary.

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