

Safety Data Sheet
RUSSET™ - Insecticide, Miticide and
Fungicide. End use Formulation

Scietetics

AGRICULTURAL STIMULI

FOR FORWARD THINKING FARMING

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	Russet™
EPA Registration Number	EPA EXEMPT UNDER 25(B) OF FIFRA
Company Identification	Scietetics Inc. 17878 County Rd 15 Fort Morgan, CO (720) 502 - 4936
Emergency Calls	National Pesticide information Center (NPIC): 1-800-858-7358 – 6.30 am to 4.30 pm Pacific Time 1-800-222-1222 – During Other Times Chemtrec: 1-800-424-9300 / 1-703-527-3887
Product Use	Insecticide, Miticide and Fungicide.

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of Substance	Harmful if inhaled
GHS Labeling Elements	The substance is classified and labeled according to the Globally Harmonized System (GHS)
Hazard Pictograms	Caution
Signal Word	
Hazard-Determined Components of Labeling	Peppermint Oil (8006-90-4), Sodium Lauryl Sulfate (151-21-3)
Hazard Statements	H332: Harmful if inhaled

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Precautionary Statements	<ol style="list-style-type: none"> Prevention: P261: Avoid breathing dust / fume / gas / mist / vapors / spray P271: Use only outdoors or in a well-ventilated area Response: P304 & P340: If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312: Call a poison center or doctor/physician if you feel unwell.
Other Information	None
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS	
Active Ingredients	Peppermint Oil - 20% & Sodium Lauryl Sulfate-10%
CAS Number	8006-90-4 & 151-21-3
Other Ingredients	Butyl Lactate, Glycerin, Isopropyl Alcohol, Potassium Sorbate & Water
SECTION 4: FIRST AID MEASURES	
Symptoms	<ol style="list-style-type: none"> Inhalation: May be irritating to mucous membranes and excessive exposure may result in drowsiness. Swallowed: May cause drowsiness.
Skin	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Get medical attention.

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Eyes	Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.
Swallowed	Induce vomiting by gastric lavage. Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Note to Physicians	Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the Poison Control Center 1-800-222-1222.

SECTION 5: FIRE FIGHTING MEASURES:

Fire and Explosive Hazards	Flash Point: >190.4°F (88°C), Auto ignition temperature has not been established.
Extinguishing Media	Use dry powder or sand, carbon dioxide, or regular foam. Move containers from fire area if you can do it without risk.
Special Firefighting Procedures	Fireman should wear self-contained breathing apparatus with full facepiece, complete fire protection clothes and shoes. Do not access if tank is on fire. Avoid inhalation of materials. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. See Section 10 for decomposition products.

SECTION 6: ACCIDENTAL RELEASE MEASURES

<p>Personal Precautions, Protective Equipment and Emergency Procedures</p>	<p>Consult an expert on the disposal of recovered material. Wear approved respiratory protection, chemically compatible gloves and protective clothing. Keep unprotected people away. Allow work against the wind and remove all people upwind. Use adequate ventilation to prevent inhalation. Prevent use of contaminated building, area, and equipment until decontaminated. Evacuate personnel, thoroughly ventilate area, and use self-contained breathing apparatus and protective clothing.</p>
<p>Environmental Precautions</p>	<p>Prevent runoff and contact with sources of water including but not limited to drains, sewers, lakes and ponds. In case of large spill, inform the relevant authorities.</p>
<p>Methods and Materials for containment and cleaning up</p>	<ol style="list-style-type: none"> 1. In case of small leak or spill: Dike spill. Absorb spilled material with Dri-Rite, sawdust, sand, or other adsorbent material, taking care not to generate dust. Collect clean-up material into drums, cover, and label for disposal according to local regulations. Scrub contaminated area with detergent and water. Prevent liquid from entering sewers, waterways, or low areas. Product is not regulated under RCRA or CERCLA. 2. In case of large leak or spill: Stay upwind and keep out of low areas. Prevent from contaminating waterways. Dispose of waste in accordance with local regulation. Wear appropriate respirator and other protective clothing. Shut off source of leak only if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material; place in non-leaking containers and seal tightly for proper disposal.

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Reference to Other Sections	<ol style="list-style-type: none"> 1. See Section 7 for information on safe handling. 2. See Section 8 for information on personal protection equipment. 3. See Section 13 for disposal information.
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SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling	Do not contaminate water, food, or feed by storage or disposal. Wash hands before eating, drinking, chewing gum, using tobacco products, or using the toilet. Remove clothing immediately if pesticide gets inside and then wash thoroughly and put on clean clothes. Use product only in well-ventilated place. Do not contaminate water, food, or feed by storage. Since emptied containers retain product residue (vapor, liquid) follow all SDS and label warnings even after container is empty. Keep protective respiratory device available.
Conditions for Safe Storage, including any Incompatibilities	<ol style="list-style-type: none"> 1. Storage: Keep in tightly closed and original containers. Do not re-fill or re-use containers. Dispose of containers in an approved waste facility. Keep out of the reach of children. Keep away from food, drink and animal feeding stuff. Keep in properly labeled container. 2. Requirements to be met by storerooms and receptacles: Store in cool, dry place. Do not store this product above 105 °F or below 32°F for extend periods of time. Best to keep in cool dry place and to avoid direct sunlight.
Reference to Other Sections	<ol style="list-style-type: none"> 1. See Section 10 for incompatibilities 2. See Section 6 for accidental release measure

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Max allowed Concentration	No Data
Way of Measurement	No Data

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Engineering Control	Use adequate ventilation to keep risk of inhalation low. Take safety shower after handling equipment. An adequate supply of clean potable water should be available to allow thorough flushing of the skin and eyes in even of contact with this material.
Personal Protection	Eyes: Wear appropriate protective eyeglasses or chemical safety goggles. Respirators: Ensure adequate ventilation, especially in confined areas. Body: Wear appropriate chemical resistant overalls and rubber boots and rubber gloves. Avoid any skin exposure. Wash separately from other laundry. Hands: Wear protective glove.
General protective & Hygienic measures	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Physical State	Liquid
Color	Light Red
Odor	Peppermint odor
pH Value	6.9 @ 25° C
Viscosity	Not available
Vapor Pressure (25°C)	Not available
Melting point	Not available
Boiling Point	Not available

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Freezing Point	35° F
Specific Gravity	0.96 g/cm 3 @ 20° C
Density (g/cm 3)	1.08
Critical pressure (Mpa)	Not available
Critical temperature	Not available
Flash point (°C)	>190.4° F
Flammable Limits	Not available
Auto-ignition temperature	Not Established
Burning temperature (°C)	Not available
Explosion	Not available
Partition Coefficient	Not available
Solubility	Miscible in water

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	This material is stable at the normal storage conditions.
Incompatibility (Materials to Avoid)	Incompatible with acid, alkaline, and oxidizing substances.
Conditions to Avoid	Elevated temperature.
Decomposition Products	Unknown
Hazardous Polymerization	Unknown
Reference to other sections	See Section 5 for static discharge potential

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	LD/LC ₅₀ values that are relevant for classification: 1. Oral: LD ₅₀ : Not available 2. Inhalation: Not available 3. Dermal: Not available
Eye Irritation	Not available

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Dermal Irritation	Not available
Skin Sensitization	Not available
Primary Irritant effect	Not available
Respiratory Sensitization	Not available
Germ Cell Mutagenicity	Not available
Carcinogenicity	Not available
Reproductive Toxicity	Not available
STOT-Single Exposure	Not available
STOT-Repeated Exposure	Not available
Chronic Toxicity	Not available
Aspiration Hazard	Not available

SECTION 12: ECOLOGICAL DATA

Eco-Toxicity	1. Acute Fish Toxicity (Rainbow Trout): Not available 2. Acute Daphnia Immobilization: Not available
Effect on Birds	Non-Toxic
Effect on Aquatic Life	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Pesticide waste may be acutely hazardous. Dispose of waste in accordance with all applicable Federal, State, and local laws. Improper disposal of excess pesticide, spray mixture, or rinsate is violation of Federal Law. If this waste cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Do not contaminate water, food, or feed by disposal.
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Container Disposal	Do not distribute, make available, furnish or reuse empty containers. Triple rinse (or equivalent), then offer for recycling or reconditioning if container reuse is permitted. If container reuse is prohibited, puncture metal containers and dispose of in a sanitary landfill, or by other approved State and local authorities, if burned, stay out of smoke.
SECTION 14: TRANSPORT INFORMATION	
DOT Classification	Not regulated
IMDG/IMO	Not regulated
IATA	Not regulated
TDG	Not regulated
Special Instructions	No special instruction on handling required
Flammability	Non-flammable
Transport by Air	Safe for Air Transport
SECTION 15: REGULATORY DATA	
SARA Title III Classifications	<ol style="list-style-type: none"> 1. Section 302/304: Not applicable 2. Section 311/312: Not applicable 3. Section 313 Chemical(s): Not applicable 4. Proposition 65: Does not contain any Proposition 65 chemicals.
CERCLA Reportable Quantity (RQ)	Not applicable.
RCRA Classification	Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.
TSCA Status:	Not Applicable

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Hazard Data	FIFRA Classification / Typical Hazard Labeling, as outlined in EPA Label Review Manual	OSHA HCS Requirement for Section 2 of SDS
Signal Word	Caution	Not Classified
Acute Toxicity Oral LD ₅₀ -Not available	(Category IV) Not classified	Not Classified
Acute Toxicity Dermal LD ₅₀ -Not available	(Category IV) Not classified	Not Classified
Acute Toxicity Inhalation -Not available	(Category IV) Not classified	(Category 4) Exclamation Mark Harmful if inhaled
Skin Irritation -Not available	(Category IV) Not classified	Not Classified
Eye Irritation -Not available	(Category IV) Not classified	Not Classified
Skin Sensitization	Not classified	Not Classified
Germ Cell Mutagenicity	Not classified	Not Classified
Carcinogenicity	Not classified	Not Classified
Reproductive / Developmental Toxicity	Not classified	Not Classified
Specific target organ toxicity, single exposure	Not classified	Not Classified
Specific target organ toxicity, repeated exposure	Not classified	Not Classified
Aspiration	Not classified	Not Classified
Environmental (aquatic) toxicity	Not classified	Not within OSHA's jurisdiction and therefore not required on SDS

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<p>FIFRA Classification:</p>	<p>This product ingredients are exempt from registration with Federal EPA under section 25(b) of FIFRA. Scietetics has not been registered with Environmental Protection Agency. Scietetics represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Caution Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Washing thoroughly with soap and water after handling. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before use.</p>
<p>GHS Labeling Elements:</p>	<p>The substance is classified and labeled according to the Globally Harmonized System (GHS):</p> <p>Hazard pictograms: Signal Word: Caution Hazard-determined components of labeling Peppermint Oil & Sodium Lauryl sulfate</p>
<p>SECTION 16: ADDITIONAL INFORMATION</p>	
<p>NFPA:</p>	<p>Health hazards: 0 Flammability: 0 Instability: 0 Physical and Chemical Properties: -</p>

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Reference:	The information contained herein is provided in good faith and is believed to be correct as of the date. However, Scietetics makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a specific purpose. Accordingly, Scietetics will not be responsible for damage of any kind resulting from the use of or reliance upon such information.
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