

RUSSET™ BY SCIETETICS

MITICIDE, INSECTICIDE & FUNGICIDE

AIDS IN KILLING MITES AND EGGS UPON CONTACT

FOR USE IN ALL FOOD AND NON FOOD CROPS

ACTIVE INGREDIENTS: Peppermint Oil (CAS# 8006-90-4)	20.0%
Sodium Lauryl Sulfate (CAS# 151-21-3)	10.0%
OTHER INGREDIENTS*:	70.0%
TOTAL INGREDIENTS :	100.0%

Water, Butyl Lactate, Potassium Sorbate, Glycerin, Isopropyl Alcohol

The product has not been registered by the U.S. Environmental Protection Agency. Scietetics inc represents that this product qualifies for exemption from EPA registration under Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)

SHAKE WELL BEFORE USE

Net Content
32 OZ
(946 ml / 1.98 lb)

**KEEP OUT OF
REACH OF CHILDREN
CAUTION**

DISTRIBUTED BY:
SCIETETICS INC
17878 County Rd 15
Fort Morgan, CO 80701
Phone: 720-502-4936
Website: www.scieteticsag.com

RUSSET™ : PRODUCT INFORMATION

Russet™ is a miticide, insecticide & fungicide with contact mode of action through exoskeleton desiccation and drying. Russet™ is very effective on Russet mites, two spotted spider mites, broad mites etc. and disrupts egg hatchability. Russet™ is also effective on thrips, aphids, whiteflies, scales, mealy bugs and controls powdery mildew, downy mildew, botrytis, rust, black spot etc. Russet™ can be applied in all food and non-food crops and in a tank addition in IPM programs for improved pest and disease control.

PRECAUTIONARY STATEMENTS

Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

PERSONAL PROTECTIVE WORK CLOTHING

Applicators and other handlers of this product must wear: long sleeved shirt and pants, shoes and socks, protective eyewear and gloves.

RUSSET™ : PREHARVEST INTERVAL & REENTRY RESTRICTION INTERVALS

Russet™ may be applied at any time up to and including the day of harvest. 4 hour reentry restriction interval applies.

STORAGE & DISPOSAL

Store in a secured, climate controlled environment. Rinse and recycle empty container only; do NOT reuse.

FIRST AID

IF IN EYES: Flush with water for at least 15 minutes. Get medical attention if irritation persists.

IF ON SKIN OR CLOTHING: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove person to fresh air. Get medical attention if required.

IF SWALLOWED: Rinse mouth out with water. Seek medical attention if feeling sick or nauseous. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

DIRECTIONS FOR USE

RUSSET™ : USE SEGMENTS

Crops including Fruits, Vegetables, Row crops, Hemp, Turf Grass, Ornamentals, Landscapes, Nurseries, Herbs, Greenhouses, Shadehouses, Trees and Shrubs, Soil-less Crops. Home & Gardens.

RUSSET™ : FOLIAR APPLICATION RATES FOR GREENHOUSE AND SOIL-LESS CULTIVATION

Low infestation: 2 TSP (OR) 10 ml / Gallon water

Medium infestation: 4 TSP (OR) 20 ml / Gallon water

High infestation: 6 TSP (OR) 30 ml / Gallon water

Repeat applications with 2 day ON, 1 day OFF treatment cycles as needed.

RUSSET™ : FOLIAR APPLICATION RATES FOR OUTDOOR CROPS

The product can be used at following application rates as a foliar application depending on infestation.

Low infestation: 2 Pints / 100 Gallon water

Medium infestation: 4 Pints / 100 Gallon water

High infestation: 6 Pints / 100 Gallon water

Apply lower use rates when used in preventive early applications and higher rates during heavy infestation.

Good coverage is essential for optimum pest and disease control.

When combining with other products, check compatibility by spraying a few plants before wider area applications.

Repeat applications every 3-7 days depending on pest and disease pressure.

LIMITED WARRANTY

Manufacturer or seller makes no warranty, whether expressed or implied, concerning the use of this product other than for the purposes indicated on the label. Neither manufacturer nor seller shall be liable for any injury or damage caused by this product due to misuse, mishandling or any application not specifically described on the label.

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	1. 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 2. Chemtrec: 1-800-424-9300 / 1-703-527-3887
Product Use	Insecticide, Miticide & Fungicide

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of Substance	Harmful if inhaled
GHS Labeling Elements	The substance is classified and labeled according

RUSSET™

to the Globally Harmonized System (GHS)

Hazard Pictograms
Signal Word

Caution

Hazard-Determined
Components of Labeling

Peppermint Oil (8006-90-4)
Sodium Lauryl Sulfate (151-21-3)

Hazard Statements

H332: Harmful if inhaled

Precautionary Statements

1. Prevention:

P261: Avoid breathing dust / fume / gas / mist / vapors / spray

P271: Use only outdoors or in a well-ventilated area

2. 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 (151-21-3) - 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 1. Inhalation: May be irritating to mucous membranes and excessive exposure may result in drowsiness.
2. 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.

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

Personal Precautions, Protective Equipment and Emergency Procedures	Consult an expert on the disposal of recovered material. Wear approved respiratory protection, chemically compatible gloves and protective
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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.

Environmental Precautions

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.

Methods and Materials for containment and cleaning up

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.

Reference to Other Sections

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.

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

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

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
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 event 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
Freezing Point	35° F
Specific Gravity	0.96 g/cm ³ @ 20° C
Density (g/cm³)	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
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Eye Irritation	Not available
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.
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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.

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

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

Hazard Data	FIFRA Classification / Typical Hazard Labeling, as outlined in EPA Label Review Manual	OSHA HCS Requirement for Section 2 of SDS
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

FIFRA Classification

This product ingredients are exempt from registration with Federal EPA under section 25(b) of FIFRA. Russet has not been registered with Environmental Protection Agency. Scietetics Technologies represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act.

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.

GHS Labeling Elements

The substance is classified and labeled according to the Globally Harmonized System (GHS):

Hazard pictograms:

Signal Word: Caution

Hazard-determined components of labeling:
Peppermint Oil & Sodium Lauryl sulfate

SECTION 16: ADDITIONAL INFORMATION

NFPA

Health hazards: 0
Flammability: 0
Instability: 0
Physical and Chemical Properties: -

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.

Date Prepared

09.16.2022

Rusett™ is a registered trademark of Scietetics. SDS Date Issue: 09/16/2022