

2018-2201
2019-03-18

**RAMPART®
FUNGICIDE**

GROUP	33	FUNGICIDE
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For suppression of downy mildew on brassica leafy vegetables (Crop Group 5), greenhouse cucumber and grapes, for control of late blight and pink rot on stored potatoes, for suppression of pink rot and late blight in potato, and for suppression of downy mildew in blackberry, for suppression of diseases caused by *Pythium* spp. and *Phytophthora* spp., and downy mildew on greenhouse crops: cucumber, tomato, pepper, eggplant, basil, lettuce, Chinese cabbage, and strawberry.

**COMMERCIAL
SOLUTION**

REGISTRATION NO. 30654
PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

CAUTION – EYE IRRITANT

ACTIVE INGREDIENT:

Mono- and dipotassium salts of phosphorous acid ... 53.0%

NET CONTENTS: 9.46 L

LOVELAND PRODUCTS CANADA INC.
789 DONNYBROOK DRIVE
DORCHESTER, ON
N0L 1G5
CANADA

Product inquiries: 1-800-328-4678

**IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING
INVOLVING THIS PRODUCT CALL DAY OR NIGHT, 1-800-561-8273**

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Causes mild eye irritation. Avoid breathing vapours or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

Keep unprotected persons out of the treated areas of the greenhouse for the duration of the treatment period.

Allow entry or re-entry to greenhouse only after thorough ventilation and spray mist has cleared and the treated surface has dried.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear.

Remove contaminated clothing and wash clothing before reuse.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment, and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

ENVIRONMENTAL HAZARDS:

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as results of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: Hold eye 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 eye. Call a poison control centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting

unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that RAMPART Fungicide contains a Group 33 fungicide. Any fungal population may contain individuals naturally resistant to RAMPART Fungicide and other Group 33 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of RAMPART Fungicide or other Group 33 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify Loveland Products Canada Inc. if reduced sensitivity of the pathogen to RAMPART Fungicide is suspected.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information and to report suspected resistance, contact Technical Service, Loveland Products Canada Inc., 1-800-328-4678 or at www.lovelandproducts.ca.

GENERAL APPLICATION INSTRUCTIONS

For foliar sprays, apply RAMPART Fungicide with sufficient water to ensure adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet but avoid run-off.

MIXING INSTRUCTIONS

1. Fill the spray tank with 1/2 of the required volume of water.
2. Add RAMPART Fungicide slowly to the tank and agitate by hydraulic or mechanical means.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

AERIAL APPLICATION PRECAUTIONS

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic system, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

Brassica Leafy Vegetables (broccoli, Chinese broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, cavolo broccoli, collard, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens)

For suppression of downy mildew (*Hyaloperonospora parasitica*):

Make foliar applications of RAMPART Fungicide at a rate of 3-7 L in 300-500 L of water per hectare. Begin applications prior to disease development in conjunction with good cultural management practices. Apply at 1-3 week intervals, using the higher rate and shorter interval when disease pressure is severe.

For brassicas with one crop cycle per season, DO NOT make more than eight applications of RAMPART Fungicide per season on a given area.

For brassicas with multiple crop cycles per season, DO NOT make more than three applications of RAMPART Fungicide per crop cycle, with a maximum of 12 applications per season on a given area.

DO NOT apply to plants that are DORMANT or HEAT STRESSED. To avoid undesirable copper phytotoxicity, DO NOT apply RAMPART Fungicide foliarly to plants treated with copper based compounds at less than 20 day intervals. Allow foliage to completely dry after application. DO NOT apply when conditions favour wet tissue for prolonged periods (> 4 hours).

This product may be applied up to 1 day before harvest.

Potatoes

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply at less than 3-day intervals. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours).

Disease	Application method	Rate	Application Program
Suppression of Late blight (<i>Phytophthora infestans</i>) and Suppression of Pink rot (<i>Phytophthora erythroseptica</i>)	Foliar Ground Application	3.0-8.0 L of Rampart Fungicide in 1000L of water per ha (Use a minimum of 300L of water).	Begin applications when conditions are favorable for disease and continue on a 7-day interval. Use the higher rate when disease pressure is moderate to high. Use a maximum of 5 foliar applications per growing season in a preventive program for disease suppression Do not apply Rampart Fungicide at intervals less than 3 days.
	Foliar Aerial Application	3.0-8.0 L of Rampart Fungicide in a minimum of 100L of water per ha.	

Potatoes, Post-Harvest

RAMPART Fungicide controls late blight (*Phytophthora infestans*) and pink rot (*Phytophthora erythroseptica*) on stored potatoes.

A maximum of one application of RAMPART Fungicide per year may be made, either as a single spray or rinse to harvested potato tubers prior to storage or as a single application through the humidification system to potatoes in storage. Apply RAMPART Fungicide as soon as possible after harvest.

Application prior to storage of potato tubers:

Dilute 190 mL of RAMPART Fungicide in 1 litre of water. Apply 2 litres of this solution as a spray or rinse to 1000 kg of harvested potato tubers prior to storage.

Application to stored potatoes:

Dilute 190 mL of RAMPART Fungicide in 1 litre of water. Inject 2 litres of this solution per 1000 kg of stored potato tubers into water used for post-harvest storage.

Greenhouse cucumber

For suppression of downy mildew (*Pseudoperonospora cubensis*):

Make foliar applications of Rampart Fungicide at a rate of 3 – 5 L/ha. Begin applications after plants become established. Apply at 2 – 4 week intervals, using the higher rate and shorter interval when disease pressure is severe. The suggested water volume is 1000 L/ha when cucumber plants are medium sized.

Greenhouse Crops: Cucumber, Tomato, Pepper, Eggplant, Basil, Lettuce, and Chinese Cabbage

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours). Pre Harvest Interval (PHI) 0 days.

Greenhouse Cucumber

Disease	Application method	Rate	Application Program
Suppression of pythium root rot and fruit rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of phytophthora blight (<i>Phytophthora capsici</i>)	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.
Suppression of foliar blight, root rot, and fruit rot (<i>Phytophthora</i> spp.)			

Greenhouse Lettuce

Disease	Application method	Rate	Application Program
Suppression of pythium root rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of downy mildew (<i>Bremia lactucae</i>) – Foliar only	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.

Greenhouse Chinese cabbage

Disease	Application method	Rate	Application Program
Suppression of pythium root rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of downy mildew (<i>Hyaloperonospora parasitica</i>) – Foliar only	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.

Greenhouse basil

Disease	Application method	Rate	Application Program
Suppression of pythium root rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of downy mildew (<i>Peronospora belbahrii</i>) – Foliar only	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.

Greenhouse tomato, pepper, and eggplant

Disease	Application method	Rate	Application Program
Suppression of pythium root rot and fruit rot (<i>Pythium spp.</i>)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of phytophthora blight (<i>Phytophthora capsici</i>)	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.
Suppression of foliar blight and root rot (<i>Phytophthora spp.</i>)			

Greenhouse Strawberry

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours). Pre Harvest Interval (PHI) 0 days.

Disease	Application method	Rate	Application Program
Suppression of pythium root rot and fruit rot (<i>Pythium spp.</i>)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of leather rot (<i>P. cactorum</i>)	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.
Suppression of crown and root rot (<i>Phytophthora spp.</i>)			

Blackberry

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply at less than 3-day intervals. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours).

Blackberry

Disease	Application method	Rate	Application Program
Suppression of Downy mildew (<i>Peronospora sparsa</i>)	Foliar Ground Application	3.0-8.0 L of Rampart Fungicide in 1000L of water per ha	Begin applications when conditions are favourable for disease and continue on a 7-day interval. Use the higher rate when disease pressure is moderate to high. Use a maximum of 5 foliar applications per growing season in a preventive program for disease suppression. Do not apply Rampart Fungicide at intervals less than 3 days.

Grapes

For suppression of downy mildew (*Plasmopara viticola*):

Make foliar applications of RAMPART Fungicide at a rate of 2.5-5 L/ha. Apply at 1-3 week intervals, using the higher rate and shorter interval when disease pressure is severe. The suggested water volume is 500 L/ha when the plants are first starting to grow and 1000 L/ha when leaves, vines and fruit increase the surface area of the plant.

DO NOT make more than five applications of RAMPART Fungicide per season on a given area.

DO NOT apply to plants that are DORMANT or HEAT STRESSED. To avoid undesirable copper phytotoxicity, DO NOT apply RAMPART Fungicide foliarly to plants treated with copper based compounds at less than 20 day intervals. Allow foliage to completely dry after application. DO NOT apply when conditions favour wet tissue for prolonged periods (> 4 hours).

This product may be applied up to 1 day before harvest.

STORAGE

To prevent contamination store this product away from food or feed.
The minimum recommended storage temperature for this material is 0°C (32°F).
If allowed to freeze, warm to 21°C/ 70°F and shake well.

DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

RAMPART[®] is a registered trademark of Loveland Products, Inc.



SAFETY DATA SHEET

RAMPART® FUNGICIDE

SDS NUMBER: 30654-16B-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 10/25/16

SUPERSEDES: 06/09/16

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL DAY OR NIGHT 1-800-561-8273 or
CHEMTREC – DAY OR NIGHT 1 800-424-9300**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 PRODUCT IDENTIFIER:

TRADE NAME: RAMPART® FUNGICIDE

1.2 RECOMMENDED USE: FUNGICIDE FOR SUPPRESSION OF DOWNY MILDEW AND VARIOUS OTHER DISEASES

1.3 DISTRIBUTED BY:

LOVELAND PRODUCTS CANADA, INC.

PO Box 5234 | 64137 Hwy 543 E • High River, Alberta T1V 1M4

1.4 24 Hour Emergency Phone: (Chemtrec): 1-800-424-9300 (Toll Free) - Additional Emergency Phone 1-800-561-8273

Loveland Technical Service: 1-800-328-4678

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Eye Damage/Irritation

Category 2B

H320

2.2 Label elements

None

Signal word:

WARNING

Hazard Statement:

H320 – Causes eye irritation.

Precautionary

Statement:

(Prevention):

P264 – Wash hands and face thoroughly after handling.

Precautionary

Statement:

(Response):

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

None known



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3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

Chemical Name:	CAS No.	Concentration [%]
Monopotassium salts of Phosphorous acid	13977-65-6	0 – 60
Dipotassium salts of Phosphorous acid	13492-26-7	0 – 60

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General Advice: Get medical attention if symptoms occur.

Eye contact:

Hold eye 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 eye. Call a poison control centre or doctor for treatment advice.

Ingestion:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Skin contact:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Inhalation:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

4.2 Most Important Symptoms and Effects, Acute and Delayed

Symptoms: Causes eye irritation.

4.3 Immediate Medical Attention and Special Treatment

Treatment: **NOTES TO PHYSICIAN:** There is no specific antidote.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-561-8273

Take container, label or product name and Fertilizers Act Registration Number with you when seeking medical attention.

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

Suitable Extinguishing Media: Foam, carbon dioxide (CO₂), dry powder, water spray. Do not use water jet as this will spread the fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Specific Hazards During Firefighting: During a fire, oxides of carbon and silicon dioxide can be released.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Special Protective Equipment for Firefighters: Self-contained breathing apparatus and full protective gear should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Keep people away. Isolate fire and deny unnecessary entry.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions: Avoid inhalation of vapours and dusts and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.

6.2 ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers, or watercourses.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP

Methods for Clean-Up: Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. After removal flush contaminated area thoroughly with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to Remove residual contamination.
Never return spills to original containers for re-use.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Advice on Safe Handling: Avoid inhalation of dusts, vapours / spray and contact with eyes, skin and clothing. Do not breathe dusts, mist or vapour. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Do not empty into drains. Handle and open container with care. Use care in handling/storage. Wash before eating, drinking and/or smoking.

7.2 CONDITIONS FOR SAFE STORAGE:

Requirements for Storage Areas and Containers: Store in a cool, dry well-ventilated area away from direct sunlight, preferably in a locked storage area away from children, feed and food products and seed. Keep containers tightly closed when not in use. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

OCCUPATIONAL EXPOSURE LIMITS

U.S. Workplace Exposure Level (ACGIH) TLVs

Components	Type	Value
No listings		

U.S. Workplace Exposure Level (OSHA) PELs

Components	Type	Value
No listings	TWA	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Specimen
No listings		

8.2 EXPOSURE CONTROLS:

Engineering Measures

Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors and spray mists. Provide eyewash station and safety shower.

Individual Protection Measures:

Eye / Face Protection: Goggles or shielded safety glasses are recommended.
Skin Protection: Chemical resistant clothing is recommended. Routinely wash work clothing and protective equipment to remove contaminants. The use of chemical-resistant gloves is recommended when handling undiluted product. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Respiratory Protection: In case of inadequate ventilation or risk of inhalation of mists or vapours, use suitable respiratory equipment approved by MSHA/NIOSH. Wear respiratory protection during operations where spraying or misting occurs. If respirators are used, a program should be in place to assure compliance with national or provincial standards. Wear air supplied respiratory protection if exposure concentrations are unknown.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE :	Liquid.
ODOUR:	None.
ODOUR THRESHOLD:	No data available.
COLOUR:	Colourless.
pH:	6.1 - 6.5.
MELTING POINT / FREEZING POINT:	-15 °C / 5 °F (Freezing point).
BOILING POINT:	212 °F / 100 °C
FLASH POINT:	No data available.
FLAMMABILITY (solid, gas):	No data available.
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available.
VAPOUR PRESSURE:	No data available.
SOLUBILITY:	Soluble.
PARTITION CO-EFFICIENT, n-OCTANOL / WATER:	No data available.
AUTO-IGNITION TEMPERATURE:	No data available.
DECOMPOSITION TEMPERATURE:	No data available.
VISCOSITY:	No data available.
SPECIFIC GRAVITY (Water = 1):	1.41 g/ml.
DENSITY:	1.41 kg/L / 11.77 lbs./gal.

Note: These physical data are typical values based on material tested but may vary from sample to sample.
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

10.1 REACTIVITY

Stable

10.2 CHEMICAL STABILITY

Stable under normal temperature conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No reactions known under normal use conditions. Will not polymerize.

10.4 CONDITIONS TO AVOID

Heat.

10.5 INCOMPATIBLE MATERIALS

None known.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

None known.

11 TOXICOLOGICAL INFORMATION

11.3 LIKELY ROUTES OF EXPOSURE

Eye contact, skin contact.

LC₅₀ (rat): > 4.1 mg/L 4HR.

LD₅₀ Oral (rat): > 5000 mg/kg.

LD₅₀ Dermal (rabbit): > 3000 mg/kg.

Acute Toxicity Estimates: No data available.

Eye Irritation (rabbit): Irritant.

Skin Irritation (rabbit): Not an irritant.

Inhalation: No data available.

Ingestion: No data available.

Specific Target Organ Toxicity: No data available.

Aspiration: No data available.

Skin Sensitization (guinea pig): Not a sensitizer

Carcinogenicity: None listed.

Germ Cell Mutagenicity: No data available.

Interactive Effects: None known.



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12 ECOLOGICAL INFORMATION

12.3 ECOTOXICITY

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. This product is not intended for use in aquatic settings.

Ecotoxicological Data

Species	Test Results
No data available.	

Drift or runoff may adversely affect non-target plants.
Do not apply directly to water.
Do not contaminate water when disposing of equipment wash water.
Do not apply when weather conditions favor drift from target area.

12.2 PERSISTENCE AND DEGRADABILITY

Biodegradability: No data available.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: No data available.

12.4 MOBILITY IN SOIL

Soluble in water and may disperse in soil.

12.5 OTHER ADVERSE EFFECTS

Assessment: No data available.

13 DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Do not reuse containers for any purpose. Make the empty container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Do not contaminate water, food, or feed by storage or disposal. For disposal, the container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse the product container for any other purpose.

14 TRANSPORT INFORMATION

14.3 LAND TRANSPORT

TDG Shipping Description: NOT REGULATED.



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SDS REVISIONS: SEC. 1

DATE OF ISSUE: 10/25/16

RAMPART® FUNGICIDE

SUPERSEDES: 06/09/16

15 REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS

NFPA & HMIS Hazard Ratings:

NFPA

- 1 Health
- 0 Flammability
- 0 Instability
- 0 Least
- 1 Slight
- 2 Moderate
- 3 High
- 4 Severe

HMIS

- 1 Health
- 0 Flammability
- 0 Reactivity
- B PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category:

Immediate	<u>Y</u>	Fire	<u>N</u>	Sudden Release of Pressure	<u>N</u>
Delayed	<u>N</u>	Reactive	<u>N</u>		

Reportable Quantity (RQ) under U.S. CERCLA: Not listed.
SARA, Title III, Section 313: Not listed.
RCRA Waste Code: Not applicable.
CA Proposition 65: Not applicable.
WHMIS [Canada]: Not controlled under WHMIS.

16 OTHER INFORMATION

SDS STATUS: Section 1 revised.

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental Health and Safety

PEST CONTROL PRODUCTS ACT REG. NO.: 30654

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2018-2201
2019-03-18

**RAMPART®
FUNGICIDE**

GROUP	33	FUNGICIDE
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For suppression of downy mildew on brassica leafy vegetables (Crop Group 5), greenhouse cucumber and grapes, for control of late blight and pink rot on stored potatoes, for suppression of pink rot and late blight in potato, and for suppression of downy mildew in blackberry, for suppression of diseases caused by *Pythium* spp. and *Phytophthora* spp., and downy mildew on greenhouse crops: cucumber, tomato, pepper, eggplant, basil, lettuce, Chinese cabbage, and strawberry.

**COMMERCIAL
SOLUTION**

REGISTRATION NO. 30654
PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

CAUTION – EYE IRRITANT

ACTIVE INGREDIENT:

Mono- and dipotassium salts of phosphorous acid ... 53.0%

NET CONTENTS: 9.46 L

LOVELAND PRODUCTS CANADA INC.
789 DONNYBROOK DRIVE
DORCHESTER, ON
N0L 1G5
CANADA

Product inquiries: 1-800-328-4678

**IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING
INVOLVING THIS PRODUCT CALL DAY OR NIGHT, 1-800-561-8273**

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Causes mild eye irritation. Avoid breathing vapours or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

Keep unprotected persons out of the treated areas of the greenhouse for the duration of the treatment period.

Allow entry or re-entry to greenhouse only after thorough ventilation and spray mist has cleared and the treated surface has dried.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear.

Remove contaminated clothing and wash clothing before reuse.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment, and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

ENVIRONMENTAL HAZARDS:

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as results of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: Hold eye 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 eye. Call a poison control centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting

unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that RAMPART Fungicide contains a Group 33 fungicide. Any fungal population may contain individuals naturally resistant to RAMPART Fungicide and other Group 33 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of RAMPART Fungicide or other Group 33 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify Loveland Products Canada Inc. if reduced sensitivity of the pathogen to RAMPART Fungicide is suspected.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information and to report suspected resistance, contact Technical Service, Loveland Products Canada Inc., 1-800-328-4678 or at www.lovelandproducts.ca.

GENERAL APPLICATION INSTRUCTIONS

For foliar sprays, apply RAMPART Fungicide with sufficient water to ensure adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet but avoid run-off.

MIXING INSTRUCTIONS

1. Fill the spray tank with 1/2 of the required volume of water.
2. Add RAMPART Fungicide slowly to the tank and agitate by hydraulic or mechanical means.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

AERIAL APPLICATION PRECAUTIONS

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic system, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

Brassica Leafy Vegetables (broccoli, Chinese broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, cavolo broccoli, collard, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens)

For suppression of downy mildew (*Hyaloperonospora parasitica*):

Make foliar applications of RAMPART Fungicide at a rate of 3-7 L in 300-500 L of water per hectare. Begin applications prior to disease development in conjunction with good cultural management practices. Apply at 1-3 week intervals, using the higher rate and shorter interval when disease pressure is severe.

For brassicas with one crop cycle per season, DO NOT make more than eight applications of RAMPART Fungicide per season on a given area.

For brassicas with multiple crop cycles per season, DO NOT make more than three applications of RAMPART Fungicide per crop cycle, with a maximum of 12 applications per season on a given area.

DO NOT apply to plants that are DORMANT or HEAT STRESSED. To avoid undesirable copper phytotoxicity, DO NOT apply RAMPART Fungicide foliarly to plants treated with copper based compounds at less than 20 day intervals. Allow foliage to completely dry after application. DO NOT apply when conditions favour wet tissue for prolonged periods (> 4 hours).

This product may be applied up to 1 day before harvest.

Potatoes

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply at less than 3-day intervals. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours).

Disease	Application method	Rate	Application Program
Suppression of Late blight (<i>Phytophthora infestans</i>) and Suppression of Pink rot (<i>Phytophthora erythroseptica</i>)	Foliar Ground Application	3.0-8.0 L of Rampart Fungicide in 1000L of water per ha (Use a minimum of 300L of water).	Begin applications when conditions are favorable for disease and continue on a 7-day interval. Use the higher rate when disease pressure is moderate to high. Use a maximum of 5 foliar applications per growing season in a preventive program for disease suppression Do not apply Rampart Fungicide at intervals less than 3 days.
	Foliar Aerial Application	3.0-8.0 L of Rampart Fungicide in a minimum of 100L of water per ha.	

Potatoes, Post-Harvest

RAMPART Fungicide controls late blight (*Phytophthora infestans*) and pink rot (*Phytophthora erythroseptica*) on stored potatoes.

A maximum of one application of RAMPART Fungicide per year may be made, either as a single spray or rinse to harvested potato tubers prior to storage or as a single application through the humidification system to potatoes in storage. Apply RAMPART Fungicide as soon as possible after harvest.

Application prior to storage of potato tubers:

Dilute 190 mL of RAMPART Fungicide in 1 litre of water. Apply 2 litres of this solution as a spray or rinse to 1000 kg of harvested potato tubers prior to storage.

Application to stored potatoes:

Dilute 190 mL of RAMPART Fungicide in 1 litre of water. Inject 2 litres of this solution per 1000 kg of stored potato tubers into water used for post-harvest storage.

Greenhouse cucumber

For suppression of downy mildew (*Pseudoperonospora cubensis*):

Make foliar applications of Rampart Fungicide at a rate of 3 – 5 L/ha. Begin applications after plants become established. Apply at 2 – 4 week intervals, using the higher rate and shorter interval when disease pressure is severe. The suggested water volume is 1000 L/ha when cucumber plants are medium sized.

Greenhouse Crops: Cucumber, Tomato, Pepper, Eggplant, Basil, Lettuce, and Chinese Cabbage

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours). Pre Harvest Interval (PHI) 0 days.

Greenhouse Cucumber

Disease	Application method	Rate	Application Program
Suppression of pythium root rot and fruit rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of phytophthora blight (<i>Phytophthora capsici</i>)	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.
Suppression of foliar blight, root rot, and fruit rot (<i>Phytophthora</i> spp.)			

Greenhouse Lettuce

Disease	Application method	Rate	Application Program
Suppression of pythium root rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of downy mildew (<i>Bremia lactucae</i>) – Foliar only	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.

Greenhouse Chinese cabbage

Disease	Application method	Rate	Application Program
Suppression of pythium root rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of downy mildew (<i>Hyaloperonospora parasitica</i>) – Foliar only	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.

Greenhouse basil

Disease	Application method	Rate	Application Program
Suppression of pythium root rot (<i>Pythium</i> spp.)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of downy mildew (<i>Peronospora belbahrii</i>) – Foliar only	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.

Greenhouse tomato, pepper, and eggplant

Disease	Application method	Rate	Application Program
Suppression of pythium root rot and fruit rot (<i>Pythium spp.</i>)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of phytophthora blight (<i>Phytophthora capsici</i>)	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.
Suppression of foliar blight and root rot (<i>Phytophthora spp.</i>)			

Greenhouse Strawberry

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours). Pre Harvest Interval (PHI) 0 days.

Disease	Application method	Rate	Application Program
Suppression of pythium root rot and fruit rot (<i>Pythium spp.</i>)	Foliar	3.-8.0 L of Rampart Fungicide in 1000L of water per ha	<u>Foliar</u> : apply lower rate at 2 to 4 week intervals after plants become established until control is reached.
Suppression of leather rot (<i>P. cactorum</i>)	Drench	Drench: 5.0 to 7.0 L in at least 1000L	Drench: Apply with normal irrigation schedule.
Suppression of crown and root rot (<i>Phytophthora spp.</i>)			

Blackberry

Make application prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. To prevent plant injury, DO NOT exceed the maximum rate or apply more frequently. Do not apply at less than 3-day intervals. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply Rampart Fungicide foliarly to plants treated with copper based compounds at less than 20-day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4hours).

Blackberry

Disease	Application method	Rate	Application Program
Suppression of Downy mildew (<i>Peronospora sparsa</i>)	Foliar Ground Application	3.0-8.0 L of Rampart Fungicide in 1000L of water per ha	Begin applications when conditions are favourable for disease and continue on a 7-day interval. Use the higher rate when disease pressure is moderate to high. Use a maximum of 5 foliar applications per growing season in a preventive program for disease suppression. Do not apply Rampart Fungicide at intervals less than 3 days.

Grapes

For suppression of downy mildew (*Plasmopara viticola*):

Make foliar applications of RAMPART Fungicide at a rate of 2.5-5 L/ha. Apply at 1-3 week intervals, using the higher rate and shorter interval when disease pressure is severe. The suggested water volume is 500 L/ha when the plants are first starting to grow and 1000 L/ha when leaves, vines and fruit increase the surface area of the plant.

DO NOT make more than five applications of RAMPART Fungicide per season on a given area.

DO NOT apply to plants that are DORMANT or HEAT STRESSED. To avoid undesirable copper phytotoxicity, DO NOT apply RAMPART Fungicide foliarly to plants treated with copper based compounds at less than 20 day intervals. Allow foliage to completely dry after application. DO NOT apply when conditions favour wet tissue for prolonged periods (> 4 hours).

This product may be applied up to 1 day before harvest.

STORAGE

To prevent contamination store this product away from food or feed.
The minimum recommended storage temperature for this material is 0°C (32°F).
If allowed to freeze, warm to 21°C/ 70°F and shake well.

DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

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