

2024-6576

2025-05-01

Container Label

| | | |
|-------|----|-----------|
| GROUP | 25 | ACARICIDE |
|-------|----|-----------|

NEALTA® Miticide

For use in the control of spider mites in the following crops: Field-, bed- and container-grown conifers including Christmas trees, Hops, Outdoor Ornamentals, Grapes, Pome Fruits (Crop Group 11-09), Stone Fruits (Crop Group 12-09), Strawberries, Tomatoes, Cucurbit Vegetables (Crop Group 9), Greenhouse Cucumbers, Greenhouse Peppers, Greenhouse Tomatoes and Greenhouse Strawberries

Suspension Concentrate

COMMERCIAL - AGRICULTURAL

ACTIVE INGREDIENT: Cyflumetofen200 g/L

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one at 0.0048%, as preservatives

OR

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one at 0.0075% and 2-bromo-2-nitropropane-1,3-diol at 0.024%, as preservatives

OR

Contains 1,2-benzisothiazolin-3-one at 0.04000%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00111%, 2-methyl-4-isothiazolin-3-one at 0.00037% and 2-bromo-2-nitropropane-1,3-diol at 0.02400%, as preservatives

Warning: contains the allergen soy

REGISTRATION NO. 31284

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.4 L to 1000 L

KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT, 1-800-454-2673

BASF Agricultural Solutions Canada Inc.
510 - 28 Quarry Park Blvd. SE

Mississauga, Ontario L4W 0B6
1-877-371-2273

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Unclassified/Non-classifié

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PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
3. For application using handheld airblast/mistblower equipment, wear chemical-resistant coveralls with a chemical-resistant hood over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.
4. Wash hands before eating, drinking, smoking or using the toilet. Change out of work clothes and take a bath or shower after handling or spraying the product. Launder protective clothing before re-use.
5. Do not enter treated areas during the restricted entry interval of 12 hours.
6. Clean spray equipment thoroughly after use.
7. 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 inversions, application equipment and sprayer settings.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

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 a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

FIRST AID

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.

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

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

TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

STORAGE

1. Store the leftover product in original tightly closed container. Protect from freezing.
2. Do not ship or store the product near food, feed, seed and fertilizers.
3. Store the product in cool, dry, locked, well-ventilated area without floor drain.
4. Store this product away from food or feed.

DISPOSAL

DO NOT reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local dealer/distributor or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed 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. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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NOTICE TO USER

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Booklet

GROUP

25

ACARICIDE

NEALTA® Miticide

For use in the control of spider mites in the following crops: Field-, bed- and container-grown conifers including Christmas trees, Hops, Outdoor Ornamentals, Grapes, Pome Fruits (Crop Group 11-09), Stone Fruits (Crop Group 12-09), Strawberries, Tomatoes, Cucurbit Vegetables (Crop Group 9), Greenhouse Cucumbers, Greenhouse Peppers, Greenhouse Tomatoes and Greenhouse Strawberries

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GENERAL INFORMATION

This package contains **NEALTA Miticide**, a suspension concentrate (SC). The active ingredient in **NEALTA Miticide**, cyflumetofen, is a member of the benzoylacetonitrile class of chemistry.

NEALTA Miticide is highly active on all life stages of tetranychid mites, including eggs, nymphs, and adults. When used as directed, **NEALTA Miticide** provides knockdown and residual control of two-spotted spider mite, European red mite and McDaniel spider mite.

Due to its selective activity on tetranychid mites, **NEALTA Miticide** will not harm beneficial arthropods and is a good fit within Integrated Pest Management.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
3. For application using handheld airblast/mistblower equipment, wear chemical-resistant coveralls with a chemical-resistant hood over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.
4. Wash hands before eating, drinking, smoking or using the toilet. Change out of work clothes and take a bath or shower after handling or spraying the product. Launder protective clothing before re-use.
5. Do not enter treated areas during the restricted entry interval of 12 hours.
6. Clean spray equipment thoroughly after use.
7. 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 inversions, application equipment and sprayer settings.

ENVIRONMENTAL PRECAUTIONS

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FIRST AID

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.

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TOXICOLOGICAL INFORMATION

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STORAGE

1. Store the leftover product in original tightly closed container. Protect from freezing.
2. Do not ship or store the product near food, feed, seed and fertilizers.
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4. Store this product away from food or feed.

DISPOSAL

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1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed 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. 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.

DIRECTIONS FOR USE

Shake container well before use.

For **NEALTA Miticide** to be most effective, apply at the first sign of mites before the buildup of heavy pressure. Application must be timed to coincide with locally recommended threshold levels.

Foliar applications may be made using properly calibrated ground application equipment as indicated under the section Application Instructions. **NEALTA Miticide** requires thorough coverage of all plant parts. Applications made with less than thorough coverage may result in slower activity and/or less control. Use of higher water volumes is recommended for thorough coverage.

Ground application only. **DO NOT APPLY BY AIR.**

As this product is not registered for the control of pests in aquatic systems, **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.

NEALTA Miticide is rainfast one (1) hour after an application has dried.

TANK MIXING

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This product may be tank mixed with a supplement or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact BASF Agricultural Solutions Canada Inc. ("BASF") at 1-877-371-2273 for information before mixing any pesticide that is not specifically recommended on this label.

Not all varieties and cultivars have been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced efficacy, or crop injury may result from mixing **NEALTA Miticide** with other products. Therefore, before using any tank mix (fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives), test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Consult a BASF representative for more information concerning additives.

Tank Mix Compatibility Determination

To determine compatibility, mix all components of the finished spray in proportionate quantities in a small jar. Add components to the test jar in the following order: wettable powders and water dispersible granules, liquid flowables and suspensions, emulsifiable concentrate formulations, and solutions. If the mixture does not ball-up or form flakes, sludge, jelly, oily films or layers, or other precipitates within 2 hours after mixing and can easily be resuspended with agitation, then the tested spray-mix is compatible. Always follow the most restrictive label regarding any precautions when tank mixing.

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Application Instructions

| FRUIT AND VEGETABLE CROPS | | | |
|---|--|---|------------------------------------|
| Crop(s) | Pest(s) | Amount of Product per Application (L/ha) | Pre-Harvest Interval (days) |
| Grape | European red mite Two-spotted spider mite McDaniel spider mite | 1 | 14 |
| Pome Fruits (Crop Group 11-09) ¹ | European red mite Two-spotted spider mite McDaniel spider mite | 1 | 7 |
| Stone Fruits (Crop Group 12-09) ² | European red mite Two-spotted spider mite McDaniel spider mite | 1 | 7 |
| Strawberry | Two-spotted spider mite McDaniel spider mite | 1 | 1 |
| Tomato | Two-spotted spider mite | 1 | 3 |
| <ul style="list-style-type: none"> • Maximum of 2 applications per year. • Allow a minimum of 14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • Apply in a minimum spray volume of 500 L/ha. Higher water volumes are recommended for thorough coverage. • Do not apply if rain is expected within 1 hour. • Do not apply through any type of irrigation system. • Do not use in the greenhouse. | | | |
| <p>¹ Pome Fruits (Crop Group 11-09) Apple, Azarole, Crabapple, Mayhaw, Medlar, Pear, Pear (Asian), Quince, Quince (Chinese), Quince (Japanese), Tejocote, as well as cultivars, varieties and/or hybrids of these commodities.</p> <p>² Stone Fruit (Crop Group 12-09) Apricot, Apricot (Japanese), Cherry (black), Cherry (Nanking), Cherry (sweet), Cherry (tart), Jujube (Chinese), Nectarine, Peach, Plum, Plum (American), Plum (beach), Plum (Canada), Plum (cherry), Plum (Chickasaw), Plum (Damson), Plum (Japanese), Plum (Klamath), Plum (prune), Plumcot, Sloe, as well as cultivars, varieties and/or hybrids of these commodities.</p> | | | |

| FIELD-, BED- AND CONTAINER-GROWN CONIFERS INCLUDING CHRISTMAS TREES | | | |
|---|--------------------|---|------------------------------------|
| Crop(s) | Pest(s) | Amount of Product per Application (L/ha) | Pre-Harvest Interval (days) |
| Field-, bed- and container-grown conifers including Christmas trees | Spruce spider mite | 1.0 | N/A |
| <ul style="list-style-type: none"> • Maximum of 2 applications per year. • Allow a minimum of 7-14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. | | | |

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- A minimum spray volume of 500 L/ha is recommended. Use adequate water volume to ensure thorough coverage.
- Do not apply if rain is expected within 1 hour.
- Do not water crops within 1 hour of application.
- Do not apply through any type of irrigation system.
- It is recommended that a small number of plants be tested for potential phytotoxicity prior to treating the entire crop.
- Do not use in the greenhouse.
- NOT for residential area use.

| OUTDOOR ORNAMENTALS | | | |
|--|--|---|------------------------------------|
| Crop(s) | Pest(s) | Amount of Product per Application (L/ha) | Pre-Harvest Interval (days) |
| Nursery/Outdoor Ornamentals (container, bench, flat, plug, in-ground bed, field grown, shade house, screen house, lathhouse) | Spruce spider mite European red mite Two-spotted spider mite McDaniel spider mite | 1.0 | N/A |
| <ul style="list-style-type: none"> • Maximum of 2 applications per year for outdoor ornamentals. • Allow a minimum of 14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • A maximum spray volume of 1000 L/ha is recommended. Use adequate water volume to ensure thorough coverage. • Do not apply to outdoor ornamentals if rain is expected within 1 hour. • Do not water crops within 1 hour of application. • Foliar Spray application only. • Do not apply through any type of irrigation system. • Not for use in residential areas. <p>NEALTA Miticide is not systemic or translaminar. Thorough and uniform coverage of the leaf surface and/or direct contact of the spray mixture with the target pest is required for satisfactory control. Because NEALTA Miticide is not systemic, complete coverage is necessary for effective control.</p> | | | |

| HOPS | | | |
|---|--|---|------------------------------------|
| Crop(s) | Pest(s) | Amount of Product per Application (L/ha) | Pre-Harvest Interval (days) |
| Hops | European red mite Two-spotted spider mite McDaniel spider mite | 1.0 | 14 |
| <ul style="list-style-type: none"> • Maximum of 2 applications per year. • Allow a minimum of 14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • A minimum spray volume of 1000 L/ha is recommended. Use adequate water volume to ensure thorough coverage. | | | |

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- Do not apply if rain is expected within 1 hour.
- Do not apply through any type of irrigation system.
- Do not use in the greenhouse.

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| CUCURBIT VEGETABLES – CROP GROUP 9 | | | |
|---|--------------------------------|---|------------------------------------|
| <p>The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than BASF under the User Requested Minor Use Label Expansion program. For these uses, BASF has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.</p> | | | |
| Crop(s) | Pest(s) | Amount of Product per Application (L/ha) | Pre-Harvest Interval (days) |
| Cucurbit Vegetables (Crop Group 9) ¹ | Two-spotted spider mite | 1.0 | 1 |
| <ul style="list-style-type: none"> • Maximum of 2 applications per year. • Allow a minimum of 7 days between applications. Monitor pest population and reapply if necessary once thresholds are reached. • Apply in a minimum spray volume of 500 L/ha. Higher water volumes are recommended for thorough coverage. • Do not apply if rain is expected within 1 hour. • Do not apply through any type of irrigation system. • Do not use in the greenhouse. <p>¹ Cucurbit Vegetables (Crop Group 9) Chayote, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Edible Gourd, Balsam apple, Balsam pear, Bitter melon, Chinese cucumber, Muskmelon, Pumpkin, Summer squash, Winter squash, Watermelon, as well as, cultivars, varieties and/or hybrids of these commodities.</p> | | | |

| GREENHOUSE CROPS | | | |
|---|--|---|------------------------------------|
| Crop(s) | Pest(s) | Amount of Product per Application (L/1000 L) | Pre-Harvest Interval (days) |
| Greenhouse Vegetables: Cucumber Pepper Tomato | Twospotted spider mite | 1.0 | 1 |
| Greenhouse Strawberry | Twospotted spider mite McDaniel spider mite | | |
| <ul style="list-style-type: none"> • Maximum of 2 applications per crop cycle. | | | |

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- Allow a minimum of 14 days between applications. Monitor pest population and reapply if necessary once thresholds are reached.
- Apply in a maximum spray volume of 1000 L/ha to ensure thorough coverage.
- DO NOT exceed a maximum of 2 L of product per crop cycle.
- DO NOT water crops within 1 hour of application
- Foliar application only.
- Do not apply through any type of irrigation system.
- **DO NOT** apply this product using handheld or automated fogging, mist blower or airblast equipment.

Nealta Miticide can be applied through low volume, high pressure equipment at spray volumes of at least 180 L/ha, if thorough crop coverage can be obtained.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

| Method of application | Crop | Spray Buffer Zones (metres) Required for the Protection of: | | |
|-----------------------|---|---|------------------|---------------------|
| | | Freshwater Habitat of Depths: | | Terrestrial habitat |
| | | Less than 1 m | Greater than 1 m | |
| Field sprayer | Field-, bed- and container-grown conifers including Christmas trees, Tomatoes, Strawberries, Cucurbit Vegetables and Nursery/outdoor ornamentals (container, bench, flat, plug, in-ground bed, field grown, shadehouse, screenhouse, lathhouse), Hops | 1 | 0 | 1 |

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| | | | | | |
|----------|---|--------------------|---|---|---|
| Airblast | Pome Fruits, Stone Fruits, Grapes, Hops and field-, bed- and container-grown conifers including Christmas trees | Early growth stage | 3 | 0 | 5 |
| | | Late growth stage | 3 | 0 | 5 |

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

NEALTA Miticide has a mode of action that belongs to the group of respiration inhibitors classified by the Insecticide Resistance Action Committee as a **Mitochondria complex II electron transport inhibitor** belonging to Group 25. Any mite population may contain individuals naturally resistant to **NEALTA Miticide** and other Group 25 miticides. The resistant individuals may dominate the mite population if this group of miticides is used repeatedly in the same fields. Repeated use of miticides with similar modes of action may lead to build up of resistant strains of mites.

Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay resistance:

- Where possible rotate the use of **NEALTA Miticide** or other Group 25 miticides with different groups that control the same pests.
- **DO NOT** exceed two applications of **NEALTA Miticide** per year. For greenhouse crops, **DO NOT** exceed two applications of **NEALTA Miticide** per crop cycle.
- Use tank mixtures with miticides from a different group when such use is permitted.
- Miticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.

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- For further information or to report suspected resistance contact BASF at 1-877-371-2273 or at www.agsolutions.ca.

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MIXING

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the tank one-half full of water and start agitation.
3. Add the required amount of **NEALTA Miticide** to the tank.
4. Add the required amount of tank mix partner to the tank if required.
5. Continue agitation while filling the remainder of the spray tank.
6. Clean the spray tank after use.