

2024-3922
2024-08-12
Last approved label 2020-0425 / 2022-06-30

Potash Molluscicide

Soluble Granules
Molluscicide

RESTRICTED

For control of zebra and quagga mussels in water related infrastructure (i.e. closed systems and pipelines), water reservoirs and water bodies.

ACTIVE INGREDIENT: potassium chloride96.88%

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO.: 34466 PEST CONTROL PRODUCTS ACT

CAUTION: EYE IRRITANT

Net Contents: Bulk

Alberta Government Alberta Environment & Parks Fish and Wildlife Stewardship Branch 6th Floor, Forestry Building 9920-108 Street NW Edmonton, Alberta T5K 2M4 Product Information: 1-855-336-2628 Includes the following partners					
British Columbia Government	Saskatchewan Government	Manitoba Government	Ontario Government	Quebec Government	New Brunswick Government
Nova Scotia Government	PEI Government	Newfoundland & Labrador Government	Yukon Government	Northwest Territories Government	Nunavut Government

Transportation Emergencies: 1-800-792-8311
Medical Emergencies: 1-303-389-1653

PRECAUTIONS:

- May irritate eyes and skin.
- Avoid contact with eyes and skin.
- May irritate respiratory tract.
- For use by certified operators only.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Avoid inhaling/breathing any dust.
- Use only in well ventilated areas.
- During handling, mixing/loading, clean-up or repair of equipment, personnel must wear goggles or a face shield, chemical-resistant gloves, long-sleeved shirt, long pants, shoes, and socks, and additionally, wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested while handling Potash Molluscicide in its solid form.
- For good hygiene practice, if clothing has been contaminated, remove it and launder it with detergent and hot water as soon as possible separately from other clothing. Clean personal protective equipment upon removal with soapy water.
- For good hygiene practice, wash hands and face before eating, drinking, chewing gum, using tobacco, as well as using the toilet. Take a shower immediately after work.
- Irrigate with treated water 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.

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
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, and then give artificial respiration. 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:

Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

Toxic to non-target aquatic organisms. Only apply this product when the presence of zebra and/or quagga mussels has been confirmed.

RESTRICTED USE

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.

NATURE OF RESTRICTION:

This is a restricted product that must be used in the manner authorized.

This product is only to be used by individuals holding an appropriate pesticide applicator certificate or license recognized by the provincial/territorial pesticide regulatory authority where the pesticide application is to occur.

This registration is granted under the *Pest Control Products Act* and does not exempt the user from any other legislative requirements. Use of this product in or immediately adjacent to water bodies must be appropriately authorized and used in accordance with the *Aquatic Invasive Species Regulations* under the *Fisheries Act*. Use of this product must also be in accordance with any other required provincial authorizations. Consult with provincial regulatory authorities on any authorizations required prior to use of this product.

DIRECTIONS FOR USE

This registration is granted under the *Pest Control Products Act* and does not exempt the user from any other legislative requirements. Use of this product and management of any resulting discharge or release of any effluents or runoff containing this product must also be in accordance with the *Fisheries Act* and with any other applicable federal or provincial legislation. Consult with provincial regulatory authorities on any authorizations or other requirements for use of this product and management of any resulting discharge or release of any effluents or runoff containing this product.

PRE-MIXING

A stock solution of 0.3 kg/L potassium chloride should be prepared using Potash Molluscicide and stored in high density polyethylene tanks with spill containment. Mixing tank will need to allow for settled insolubles that may take time to settle. An electric tank mixer should be employed to keep Potash Molluscicide suspended in solution. The solution should be transferred

to a storage tank and the potassium concentration should be measured prior to use. The concentration of potassium in the stock solution may vary depending on the source of the diluent water. Mortality will be dependant on ambient temperatures, but at 15° Celsius, mortality should be achieved in 5 days.

Mix only enough solution for the job at hand.

Thoroughly agitate before application. Use solution of Potash Molluscicide within 1 week.

For control of zebra and quagga mussels in reservoirs and water bodies.

Stock solution from storage tanks can be applied to the areas with water targeted for treatment. Any application methods should be able to target the application areas.

Targeted residual concentrations are 100 ppm of potassium maintained for a sufficient length of time, to achieve 100% target mortality, as determined by an appropriate monitoring bioassay. Accurate measurements (depth, area and volume) of the treatment area, and concentration of potassium in the stock solution and water body are required to ensure the correct amount of Potash Molluscicide is applied to attain the target concentration of 100 ppm potassium. Potassium concentration in the application area should be measured at least daily during the treatment period. Multiple applications of the potassium stock solution may be necessary to maintain 100 ppm potassium for the length of time required to achieve complete mortality.

Larger water bodies can be segregated into treatment zones by non-permeable geotextile membrane curtains or other devices to contain Potash Molluscicide solution. Treatment areas should be closed for recreational and commercial use for a minimum of 10 days following the last treatment event.

For control of zebra and quagga mussels in pipelines and closed systems (including closed loop fire suppression systems in hydro plants).

Apply Potash Molluscicide solution via injection system to achieve a concentration of 100 ppm potassium in system. Concentrations should be maintained until 100% mortality is observed in all test bioassays to demonstrate effective control.

STORAGE:

Store this product away from food or feed.

Store in suitable containers made of plastic, mild steel, fiberglass, or stainless steel. Store in a tightly closed container and away from incompatible substances. Store in a dry, cool, and well-ventilated area.

DISPOSAL:

If trucks or trainloads are used, transport vessel should be clean and dedicated to Potash Molluscicide transport for the trip.

2024-3922
2024-08-12
Last approved label 2020-0425 / 2022-06-30

When the product is packaged in fibreglass or plastic bags, 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 federal *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.