

2021-2501, 2021-09-24

THE FOLLOWING BROCHURE MUST BE DISTRIBUTED WITH THE SALE OF 2% LIQUID STRYCHNINE CONCENTRATE TO EACH AGRICULTURAL PRODUCER OR PEST CONTROL OFFICER PURCHASING THE 2% LIQUID STRYCHNINE CONCENTRATE TO FORMULATE THE 0.4% STRYCHNINE BAIT.

2% LIQUID STRYCHNINE CONCENTRATE
(TO BE MIXED WITH FARM AVAILABLE GRAIN
TO FORMULATE 0.4% STRYCHNINE BAIT.)

RESTRICTED

SALE OF 2% LIQUID STRYCHNINE CONCENTRATE BY
MAXIM CHEMICAL INTERNATIONAL LTD.
FOR SALE ONLY TO PEST CONTROL OPERATORS, AGRICULTURAL
PRODUCERS AND PERSONS AUTHORIZED IN
GOVERNMENT APPROVED PEST CONTROL PROGRAMS WHERE THE
VENDOR MAINTAINS A RECORD OF SALES INCLUDING THE NAME,
ADDRESS AND SIGNATURE OF THE PURCHASER ALONG WITH THE
QUANTITY OF PRODUCT PURCHASED.

**FOR SALE AND USE IN RURAL MUNICIPALITIES OF ALBERTA,
SASKATCHEWAN AND MANITOBA WITH ECONOMICALLY SIGNIFICANT
INFESTATIONS OF RICHARDSON'S GROUND SQUIRRELS AS DEFINED BY
THE PROVINCIAL MINISTRIES OF AGRICULTURE IN ANNUAL CROPS,
FORAGE CROPS, RANGELANDS AND PASTURES. DO NOT USE IN
RESIDENTIAL OR PUBLIC AREAS (SUCH AS PARKS, PLAYING FIELDS), OR
ANY OTHER SITES THAT ARE OR WILL BE OPEN TO THE PUBLIC (FOR
EXAMPLE, PICK-YOUR-OWN SITES).**

**READ THE LABEL AND THIS BROCHURE BEFORE USE.
REGISTRATION NUMBER 30433 PEST CONTROL PRODUCTS ACT
STORE PRODUCT UNDER LOCK AND KEY**

GUARANTEE: STRYCHNINE 2.0%

DANGER



POISON

CORROSIVE TO THE EYES

Net Contents: 250 mL
Maxim Chemical International Ltd.
1305 Halifax Street

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Regina, Saskatchewan S4R 1T9
(306) 347-0444

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. The user assumes the risk to persons or property that arises from any such use of this product.

NATURE OF RESTRICTION:

For sale only to and use only by pest control operators, agricultural producers and persons authorized in government approved pest control programs. Authorized vendors must hold a valid pesticide vendor license in accordance with provincial acts and regulations. Authorized vendors can sell this product only to persons who are agricultural producers or pest control operators as defined under provincial acts and regulations. Each vendor must maintain a record of sales including the name, address, telephone number, e-mail address and signature of the purchaser along with the quantity of product purchased. The mixed bait will only be used in those Rural Municipalities identified by the provincial Ministries of Agriculture as having an economically significant infestation of Richardson's ground squirrels.

RESTRICTED USE: To formulate 0.4% strychnine bait for control of Richardson's ground squirrels (*Spermophilus richardsonii*) in annual crops, forage crops, rangelands and pastures.

DIRECTIONS FOR RESTRICTED USE: To purchase the 2% strychnine concentrate, agricultural producers and pest control operators must provide their name, address, telephone number, e-mail address and land description where they will apply the product. **SHAKE THOROUGHLY BEFORE USE.** Keep from freezing. Pour the content of this 250 ml bottle over 1 kg of clean (hulled or hullless) oats or wheat. Where oats are sown, use wheat for bait. Mix well to ensure that each kernel is coated with 2% Liquid Strychnine Concentrate. It dries quickly and is ready for use at once. Pest control officers or agricultural producers must use appropriately sized and labelled containers in which to mix the concentrate with the grain. The pest control officer or agricultural producer is responsible for ensuring that appropriate personal protective equipment are worn (e.g. chemical resistant gloves, disposable dust mask, protective eyewear) and safe mixing procedures are followed (e.g. the mixing paddle is used in a manner that minimizes dust stir-up, contamination of surfaces is avoided). Product must be mixed in facilities where pest control officers or agricultural producers can wash the outside of protective gloves before removal, rinse protective goggles and thoroughly wash their hands after all protective equipment has been removed. **Containers of treated grain must be affixed with the 0.4% strychnine bait label issued under this registration.** All unopened, empty or partially empty concentrate bottles must be locked and stored away from food or feed. The vendors are responsible for ensuring that each pest control officer or agricultural producer purchasing the concentrate product has a copy of this label (brochure) to ensure proper placement of the product in the field. Care must be taken to avoid spilling bait on soil surface. All spilled bait must be collected and disposed of by incineration or burial in a pit no less than 46 cm (approximately 18 inches) deep and then covered to prevent non-target poisonings. Toxic to all forms of life.

TREATMENT OF BURROWS: To achieve the most effective control, baiting should be carried out before the birth of the young in mid-April and before alternative green vegetation is available, as strychnine treated bait may be more attractive at this time. Baiting after this time may result in increased costs (i.e., labour and material) since the availability of alternative foods may reduce the consumption of the bait and affect the levels of control. Place 5-15 g (1-3 teaspoons) of strychnine-treated grain deep in the burrow in such a manner that the bait is not visible from the surface. Following the bait application, the burrow entrance must be covered. An additional treatment may be necessary where burrows have been reopened after 1 week. It is recommended that an alternative registered pest control product or method of control be used. **DO NOT SCATTER THE BAIT OUTSIDE THE BURROW.**

NO ABOVE GROUND BAIT STATIONS MUST BE USED.

MONITORING: All areas where the bait has been used must be monitored and recorded on a regular basis for dead animals including non-target species. This must be done on a daily basis for the first week and on a weekly basis for several weeks thereafter. All carcasses must be disposed of by incineration or burial in a pit no less than 46 cm (approx. 18 inches) deep then covered to prevent scavengers from unearthing the carcasses.

IPM RECOMMENDATIONS: The use of 2% Liquid Strychnine Concentrate should be used in an integrated pest management (IPM) program that includes scouting and record keeping and considers cultural, biological, and other chemical control practices. Consult with provincial extension specialists for further guidance.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS. Fatal if swallowed or absorbed through the eyes. May be fatal if dust from treated bait is inhaled. Corrosive to the eyes. Do not get in the eyes. Wear long pants, long-sleeved shirt, chemical resistant gloves, protective eyewear, a NIOSH-approved dust mask, socks, and shoes when handling the concentrate, mixing bait, placing bait, and during clean-up activities. Do not apply this product in a way that will contact workers, other persons, pets or domestic animals. Wash the outside of the gloves before removal and wash your hands thoroughly after handling the concentrate or prepared bait, and before eating, drinking and smoking. Do not contaminate feed and foodstuffs or any water supply. Treated grain must be placed in areas inaccessible to children, pets, wildlife and domestic animals.

ENVIRONMENTAL PRECAUTIONS.

This product is toxic to wildlife. Treated grain exposed on soil surface and poisoned carcasses may be hazardous to birds and other wildlife. All treated grain and poisoned carcasses exposed on soil surface must be collected and disposed of by incineration or burial in a pit no less than 46 cm (approximately 18 inches) deep and then covered to prevent non-target poisonings. Toxic to all forms of life.

Species at risk, including the burrowing owl (*Athene cunicularia*) and the swift fox (*Vulpes velox*), are known to frequent habitat occupied by ground squirrels. **DO NOT APPLY THIS PRODUCT IF THESE OR OTHER SPECIES AT RISK THAT MAY FEED ON STRYCHNINE BAIT OR GROUND SQUIRRELS ARE PRESENT IN YOUR AREA.** For information on species at risk in your area, contact your local provincial or federal wildlife officials.

FIRST AID:

If swallowed: Obtain medical attention immediately. Consult a poison control centre for detailed information on treatment for strychnine poisoning. 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 in eyes: Hold eye open and immediately flush with large amounts of water for 15 minutes. Remove

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contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If dust from treated bait is 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 treatment advice.

If on skin or clothing: Take off contaminated clothing. Wash exposed area of skin with soap and water. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Central nervous system stimulant. Convulsions may occur within 5 to 10 minutes of ingestion. If the person is fully conscious and not convulsing a few moments after the ingestion, immediate ingestion of activated charcoal has been proven beneficial. Keep the patient in a warm, dark room with minimal sensory stimulation. Postpone gastric lavage until the patient is fully premedicated to control further convulsions or seizures. Artificial respiration may become necessary. Keep patient under continual observation until convulsions and reflex irritability have been suppressed and gastric lavage can be performed safely.

DISPOSAL:

2% Liquid Strychnine Concentrate: All unopened, empty or partially empty bottles of 2% Liquid Strychnine Concentrate and contaminated equipment (e.g. buckets, containers) must be stored in a locked compartment. Dispose of the container in accordance with provincial requirements. For more information on the disposal of unused product, contact the provincial regulatory agency or the manufacturer.

Bucket of 0.4% Strychnine Bait: Prepare only enough bait to be used during the time of the planned application. Any unused bait must be stored in its original container and, for optimal results, used as soon as possible. 2% Liquid Strychnine Concentrate and Bucket of 0.4% Strychnine Bait: Do not reuse the empty container. Dispose of any unused or spoiled bait in accordance with provincial requirements. Follow provincial instructions for any required cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For more information on the disposal of unused product and the clean-up of spills, contact the provincial regulatory agency or the manufacturer.

Carcass Disposal (Ground squirrels and non-target species): All carcasses must be disposed of by incineration or burial in a pit no less than 46 cm (approx. 18 inches) deep and then covered to prevent scavengers from unearthing the carcasses.

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