



LIQUA-TOX® II

Do Not Use in Homes or Other Residential Settings. Do Not Use Outdoors.

A Concentrate for Preparing Liquid Baits to Kill Norway Rats, Roof Rats, and House Mice



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Mix contents of pouch with 1 quart of water.

ACTIVE INGREDIENT:
Sodium Salt of Diphacione (CAS #4271-98-3) . . . 0.106%
OTHER INGREDIENTS: 99.894%
TOTAL: 100.000%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

See side and back panels for First Aid and additional precautionary statements.

Net Contents: 13.44 fl. oz. (397 ml)

8 - 1.68 fl. oz. (50 ml) pouches

EPH REG. NOS. 3840-WI-1, 12455-WI-1, 12455-WI-2⁰, 12455-WI-3⁰
Superscript is first letter of the lot number.



Manufactured by:
Bell Laboratories, Inc.
3899 Kresnan Blvd.

30LT-2

LIQUA-TOX® II

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if absorbed through the skin. Harmful if swallowed. Avoid breathing vapors. Keep away from children, domestic animals and pets. Do not get in eyes, on skin, or on clothing. Avoid exposure to this product during pregnancy.

All handlers (including mixers and applicators) must wear coveralls over short sleeved shirt and short pants, chemical resistant footwear, socks, and waterproof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements

Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washbasin, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

Environmental Hazards

This product is extremely toxic to mammals and birds. Dogs and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Only use indoors. Do not contaminate water when disposing of equipment wash water or rinsate.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

Pesticide Disposal: Wastes resulting from the use of this product may be placed in trash or delivered to an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ THIS LABEL: Read this entire label and follow all use directions and use precautions. Use only for sites, pests, and application methods described on this label.

IMPORTANT: Do not expose children, pets, or nontarget animals to rodenticides. To help to prevent accidents:

1. Store unused product out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from bait stations when they are filled, units must be secured or otherwise immobilized. Stronger bait stations are needed in areas open to hooded livestock, raccoons, bears, or other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container and unused, spoiled, or unconsumed bait as specified on this label.

USE RESTRICTIONS

For indoor use only. This product is for control of Norway rats, roof rats and house mice only inside of industrial, commercial, agricultural, and public buildings, and similar man-made structures. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food. When used in USDA-inspected facilities, this product must be applied in tamper-resistant bait stations. Do not use in sewers.

Do not use this product in individual containers holding less than 13.44 fl. oz. of bait concentrate.

SELECTION OF TREATMENT AREAS: Determine areas where rats or mice will most likely find and consume the bait. Generally, these areas are along walls, by ground openings, in or beside burrows, in corners and concealed places, between floors and walls, or in locations where rodents or their signs have been seen. Remove as much alternative food as possible.

MIXING DIRECTIONS: Weigh waterproof gloves, thoroughly mix contents of one 1.68 fl. oz. pouch in 1 quart (32 fluid ounces) of water.

APPLICATION DIRECTIONS:

BATS: Provide a minimum of 1 pint (16 fluid ounces) of LIQUA-TOX® II diluted product in each dispenser (suitably-equipped bait station, chick fountain, or other suitable device). If infested area is large, or if rat population appears to be high, use dispensers at several locations. Spare dispensers and refill them as needed to ensure that bait is exposed in all infested areas where it can be used without putting nontarget organisms at risk.

MICE: Provide 1/2-pint (8 fluid ounces) placements of LIQUA-TOX® II diluted product in suitably-equipped bait stations, chick fountains, or other appropriate vessels. Place dispensers at intervals of 8 - 12 feet in all infested areas where bait can be used without putting nontarget organisms at risk.

FOLLOW-UP: Repose contaminated or spoiled bait immediately. Wear waterproof gloves, collect and dispose of all viable dead animals and leftover bait, as well as any bait that has become accessible to nontarget animals. To discourage infestation, limit sources of rodent food, water and harborage as much as possible. If infestation does occur, repeat treatment. For a continuous infestation, set up permanent

Have

If swallowed

If on skin or clothing

If inhaled

If animal e

Anticoagulant: may reduce the humans or dog poisoning symp Vitamin K₁ inte

TREATMENT FOR PET POISONING
 If animal eats bait, call veterinarian or 1-877-854-2494 at once.

NOTE TO PHYSICIAN OR VETERINARIAN
Anticoagulant Sodium Salt of Diphacinone: If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. For humans or dogs that have ingested this product and/or have obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K₁ intramuscularly or orally.

DIRECTIONS FOR USE
 It is a violation of Federal law to use this product in a manner inconsistent with its labeling. See outer package label for complete DIRECTIONS FOR USE including USE RESTRICTIONS. It is illegal to sell this product unless it is accompanied by a complete set of accepted labeling.

INDIVIDUAL SALE IS PROHIBITED BY LAW

2442-6



**A Concentrate for Preparing
 Liquid Baits to Kill Norway Rats,
 Roof Rats, and House Mice**

Mix contents of pouch with 1 quart of water

ACTIVE INGREDIENT:
 Sodium Salt of Diphacinone (CAS #4271-99-3) 0.100%
 OTHER INGREDIENTS 99.900%
 TOTAL 100.000%

**KEEP OUT OF REACH OF CHILDREN
 WARNING**

See back panels for First Aid and additional precautionary statements.

Net Contents: 1.68 fl. oz. (50 ml) pouch

EPA REG. NO. 12455-61

EPA EST. NOS. 3840-WI-1, 12455-WI-1X, 12455-WI-2¹, 12455-WI-3¹

Superscript is first letter of the lot number.

Manufactured by:

Bell
 LABORATORIES, INC.
 3889 Kinsman Blvd.
 Madison, WI 53704 U.S.A. • www.belllabs.com

FIRST AID Have label with you when obtaining treatment advice.	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center 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 the poison control center or doctor.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor immediately for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.



LIQUA-TOX® II

SAFETY DATA SHEET

ACCORDING TO REGULATION: OSHA

Hazard Communication Standard 29 CFR 1910.1200

DATE OF ISSUE:

January 2020

PREPARED BY:

CAR

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: LIQUA-TOX® II

EPA Registration Number: 12455-61

Relevant identified uses: Anticoagulant Rodenticide - Ready to use

Uses advised against: Use only for the purpose described above

MANUFACTURER/SUPPLIER:

Bell Laboratories, Inc.

3699 Kinsman Blvd.

Madison, WI 53704, USA

Email: sds@belllabs.com

Phone: 608-241-0202

Medical or Vet Emergency: 877-854-2494 or 952-852-4636

Spill or Transportation Emergency: 800-424-9300 (CHEMTREC)

SECTION 2. HAZARDS IDENTIFICATION

Classification according to Regulation OSHA 1910.1200(d):

Signal Word/Pictogram: WARNING

Hazard Statement: May be fatal if absorbed through the skin.



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	% By weight
Sodium Diphachone [2-(Diphenylacetyl)-1H-indene-1,3(2H)-dione, Sodium salt]	42721-99-3	0.106%
Inert and Non-Hazardous Ingredients (Unlisted components are non-hazardous)	Proprietary	99.894%

SECTION 4. FIRST AID MEASURES

Description of first aid measures

Ingestion: Call physician or emergency number immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless instructed by physician.

Inhalation: Not applicable.

Eye contact: Hold eye open and rinse slowly with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation develops, obtain medical assistance.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. If irritation develops, obtain medical assistance.

Most important symptoms and effects, both acute and delayed

Ingestion of excessive quantities may cause nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding.

Advice to physician: If ingested, administer Vitamin K₁ intramuscularly or orally as indicated for bishydroxycoumarin overdoses. Repeat as necessary as based upon monitoring of prothrombin times.

Advice to Veterinarian: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K₁. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: water, foam or inert gas.

Unsuitable Extinguishing Media: None known.

Special hazards arising from the mixture: High temperature decomposition or burning in air can result in the formation of toxic gases, which may include carbon monoxide.

Advice for firefighters: Wear protective clothing and self-contained breathing apparatus.

Trade Name: Liqua-Tox II

Supplier: Bell Laboratories, Inc.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: All handlers (including mixers and applicators) must wear coveralls over short sleeved shirt and short pants, chemical resistant footwear, socks, and water-proof gloves.

Environmental precautions: Do not allow bait to enter drains or water courses. Use indoors only.

Methods and materials for containment and cleaning up

For Containment: Soak up spilled material on an inert absorbent. Place in properly labeled container for disposal or re-use.

For Cleaning Up: Wash contaminated surfaces with detergent. Dispose of all wastes in accordance with all local, regional and national regulations.

Reference to other sections: Refer to Sections 7, 8 & 13 for further details of personal precautions, personal protective equipment and disposal considerations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Do not handle the product near food, animal foodstuffs or drinking water. Keep out of reach of children. Do not use near heat sources, open flame, or hot surfaces. As soon as possible, wash hands thoroughly after applying bait and before eating.

Conditions for safe storage, including any incompatibilities: Store only in original container in a cool, dry place, inaccessible to pets and wildlife. Do not contaminate water, food or feed by storage or disposal. Keep containers closed and away from other chemicals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Established Limits

Component	OSHA	ACGIH	Other Limits
Diphacinone	Not Established	Not Established	Not Established

Appropriate Engineering Controls: Not required
Occupational exposure limits: Not established

Personal Protective Equipment:

Respiratory protection: Not required

Eye protection: Not required

Skin protection: All handlers (including mixers and applicators) must wear coveralls over short sleeved shirt and short pants, chemical resistant footwear, socks, and water-proof gloves.

Hygiene recommendations: Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance/Color: Pale yellow liquid
Odor: None
Odor Threshold: No Data

pH: No Data

Melting point: No Data

Boiling point: 100° C

Flash point: No Data

Evaporation rate: No Data

Flammability: No Data

Upper/lower flammability or explosive limits: No Data

Vapor Pressure: No Data

Vapor Density: No Data

Relative Density: 1.003 g/cc @ 20° C

Solubility (water): Soluble

Solubility (solvents): No Data

Partition coefficient: n-octanol/water: No Data

Auto-ignition temperature: No Data

Decomposition temperature: No Data

Viscosity: No Data

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable when stored in original container in a cool, dry location.

Chemical stability: Stable when stored in original container in a cool, dry location.

Possibility of hazardous reactions: Refer to Hazardous decomposition products

Conditions to avoid: Avoid extreme temperatures (below 0°C or above 40°C).

Incompatible materials: Avoid strongly alkaline materials.

Hazardous decomposition products: High temperature decomposition or burning in air can result in the formation of toxic gases, which may include carbon monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity

LD50, oral (ingestion): >5000 mg/kg (rats) (Diphacinone Rat LD50 oral: 2.3 mg/kg bw).

LD50, dermal (skin contact): < 2000 mg/kg (rats) (Diphacinone rabbit LD50 dermal: 3.6 mg/kg bw).

LC50, inhalation: Product is a liquid and therefore exposure by inhalation is not relevant.

Skin corrosion/irritation: Not irritating to skin.

Serious eye damage/irritation: Not irritating to eyes.

Respiratory or skin sensitization: Dermal sensitization: Not a Sensitizer (Guinea pig maximization test).

Germ cell mutagenicity: Contains no components known to have a mutagenetic effect.

Carcinogenicity: Contains no components known to have a carcinogenic effect.

Components	NTP	IARC	OSHA
Diphacinone	Not listed	Not listed	Not listed

Reproductive Toxicity: No data

Aspiration Hazard: Not applicable. Product is a liquid.

Target Organ Effects: Reduced blood clotting ability.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Effects: This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

Persistence and degradability: Product is inherently biodegradable.

Bioaccumulative potential: Not determined. Diphacinone water solubility is extremely low (< 0.1mg/l).

Mobility in Soil: Not determined. Mobility of Diphacinone in soil is considered to be limited.

Other adverse effects: None.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

Pesticide Disposal: Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.

RCRA waste status: This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

Container Handling: Non-refillable container. Do not reuse or refill this container. [Plastic:] Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration. In most states, burning is not allowed. [Paper:] Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration. In most states, burning is not allowed.

RCRA Waste Status: This product is not regulated as a hazardous waste under Federal law.

SECTION 14. TRANSPORT INFORMATION

UN number: Not regulated

UN proper shipping name: Not regulated

Transport hazard class(es): Not regulated

Packing group: Not regulated

Environmental Hazards

DOT Road/Rail: Not considered hazardous for transportation via road/rail.

DOT Maritime: Not considered hazardous for transportation by vessel.

DOT Air: Not considered hazardous for transportation by air.

Freight Classification: LTL Class 60

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable

Special precautions for user: None

Trade Name: Liqua-Tox II

Supplier: Bell Laboratories, Inc.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

FFRA: This pesticide product is regulated by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required on data sheets (SDS), and for workplace labels of non-pesticide chemicals. The safety, health, environmental, and hazard information required on the pesticide label is listed below and reflected throughout this SDS. The pesticide label also includes other important information, including directions for use.



Signal Word: WARNING

Precautionary Statements: Contains the anticoagulant Diphacinone which may cause bleeding if ingested. May be fatal if absorbed through the skin. Harmful if swallowed. Avoid breathing vapors. Keep away from children, domestic animals and pets. Do not get in eyes, on skin, or on clothing. Avoid exposure to this product during pregnancy.

Potential Health Effects:

Eye Contact: May cause irritation

Skin Contact: Non-irritating to the skin

Inhalation: Not applicable

Ingestion: Harmful if swallowed

TSCA: All components are listed on the TSCA Inventory or are not subject to TSCA requirements

CERCLA/SARA 313: Not listed

CERCLA/SARA 302: Not listed

PROPOSITION 65: Contains no components subject to warning requirement.

SECTION 16. OTHER INFORMATION

For additional information, please contact the manufacturer noted in Section 1.

NFPA	Health: 1 (caution)	Flammability: 0 (will not burn)	Reactivity: 0 (stable)	Specific Hazard: None
HMIS	Health: 2 (moderate)	Flammability: 0 (minimal)	Reactivity: 0 (minimal)	Protective Equipment: B

Disclaimer: The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. Bell Laboratories, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all current data, including the approved product label, relevant to their particular use.