

LIQUA-TOX® II

MSDS

Date of Issue:

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PRODUCT NAME: LIQUA-TOX® II			
USE: Anticoagulant Rodenticide	BAIT FORM: Formulated Bait Concentrate	EPA REGISTRATION NO: 12455-61	

SECTION I. HAZARDOUS INGREDIENTS

INGREDIENT NAME	% BY WEIGHT	CURRENT TLV
Sodium Diphacinone [2-(Diphenylacetyl-1H-indene-1,3(2H)-dione, Sodium salt] CAS No. 23710-76-1	0.106 %	N/A

This product contains no components subject to the reporting requirements of Section 313 of the Superfund
Amendment and Reauthorization Act (SARA) of 1986

SECTION II. PHYSICAL DATA

APPEARANCE: Liquid	COLOR: Clear, colorless	ODOR: None	SPECIFIC GRAVITY: 1.003 gm/cc
VAPOR DENSITY: N/A	MELTING POINT: N/A	WATER REACTIVITY: None	EVAPORATION RATE: Equal to water
VAPOR PRESSURE: N/A	BOILING POINT: N/A	SOLUBILITY: Soluble in water	BULK DENSITY: N/A

SECTION III. FIRE AND EXPLOSION DATA

FLASH POINT (Method Used): N/A	FLAMMABLE LIMIT: Upper Limit: N/A Lower Limit: N/A	AUTOIGNITION TEMP: N/A
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EXTINGUISHING MEDIA:

Extinguish with water, foam or inert gas

SPECIAL FIREFIGHTING PROCEDURES:

Firefighters should be equipped with protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

None

SECTION IV. REACTIVITY HAZARD DATA

STABILITY: Stable	CONDITIONS TO AVOID: None
POLYMERIZATION: Will not occur	CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Strongly alkaline materials	HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon
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SECTION V. TOXICITY DATA

LD50, ORAL (INGESTION): >5000 mg/kg (rats)	LD50, DERMAL (SKIN CONTACT): > 2000 mg/kg (rats)	LC50, INHALATION: N/A
EYE IRRITATION: None (rabbits)	SKIN IRRITATION: None (rabbits)	DERMAL SENSITIZATION: Not Considered a Sensitizer

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SECTION VI. HEALTH HAZARDS

PRIMARY ROUTE OF ENTRY: Ingestion, Skin Absorption	SIGNS & SYMPTOMS OF EXPOSURE: Nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding
EMERGENCY FIRST AID PROCEDURES: Eyes: Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance. Skin: Remove contaminated clothing and launder before re-use. Wash with soap and water. Ingestion: Call physician or emergency phone number immediately. Do not give anything by mouth or induce vomiting unless instructed by physician. Inhalation: None.	
NOTE TO PHYSICIAN: If ingested, administer Vitamin K ₁ intramuscularly or orally as indicated by bishydroxycoumarin overdoses. Repeat as necessary as based upon monitoring of prothrombin times.	

SECTION VII. CONTROL AND PROTECTIVE MEASURES

RESPIRATOR TYPE: Not required	GLOVES (Recommended): Rubber Gloves	VENTILATION: Not required
OTHER PROTECTIVE MEASURES: Not required		

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:			
HEALTH: 1 (Caution)	FIRE: 0 (Will not burn)	REACTIVITY: 0 (Stable)	SPECIFIC HAZARD: None
HAZARDOUS MATERIAL INFORMATION (HMIS) RATINGS:			
HEALTH: 2 (Moderate)	FLAMMABILITY: 0 (Minimal)	REACTIVITY: 0 (Minimal)	PROTECTIVE EQUIPMENT: B

SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN THE EVENT MATERIAL IS RELEASED OR SPILLED:
Soak up spilled material on an inert absorbent. Sweep up contaminated material, place in properly labeled container for disposal. Clean area with soap and water.

WASTE DISPOSAL METHOD:
Wastes resulting from use may be disposed of on-site or at an approved waste disposal facility. Dispose of all wastes in accordance with all Federal, state and local regulations.

SECTION IX. SPECIAL PRECAUTIONS AND STORAGE DATA

STORAGE TEMPERATURE: Room temperature	AVERAGE SHELF LIFE: Bait is stable for a minimum of 1 year when stored at room temperature
SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE): Avoid exposure to light and extreme humidity.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place inaccessible to children, pets and wildlife. Keep container tightly closed when not in use. Avoid contamination of lakes, streams and ponds by use, storage or disposal. Wash thoroughly with soap and water after handling.	

SECTION X. SHIPPING DATA

DOT SHIPPING NAME: None required	DOT HAZARD CLASSIFICATION: Non-hazardous
DOT LABELS REQUIRED: None required	FREIGHT CLASSIFICATION: LTL Class 60

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