

LIQUA-TOX[®] II MSDS

MANUFACTURER'S ADDRESS: BELL LABORATORIES, INC. 3699 Kinsman Blvd, Madison, WI 53704	PREPARED BY: PSM/CAR	TELEPHONE NO: (608) 241-0202	EMERGENCY PHONE NOS: Medical (877) 854-2494 Transportation (Spills) (800) 424-9300 CHEMTREC
PRODUCT NAME: LIQUA-TOX[®] II			EPA REGISTRATION NO: 12455-61
USE: Anticoagulant Rodenticide	BAIT FORM: Formulated Bait Concentrate		
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	
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	
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 K₁ 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

EYE PROTECTION:

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 MATERIALS IDENTIFICATION SYSTEM (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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