

# ROZOL<sup>®</sup> RODENTICIDE 2% DRY CONCENTRATE

## MATERIAL SAFETY DATA SHEET

### SECTION 1 PRODUCT & COMPANY IDENTIFICATION

**Material Name:** Rozol<sup>®</sup> Rodenticide 2% Dry Concentrate  
**Other Designation:** Chlorophacinone manufacturing concentrate  
**Chemical Formula:** Mixture (for manufacturing use only)  
**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Registration No.:** EPA Reg. No. 7173-219  
**Emergency Telephone:** 414-351-1476  
Monday-Friday, 8:00 am - 4:30 pm CST  
Call CHEMTREC at 1-800-424-9300  
**After Hours:**

### SECTION 2 INGREDIENT INFORMATION

Hazardous Ingredient:	CAS Number:	OSHA PEL:	ACGIH TLV:	ACGIH STEL:
Chlorophacinone	3691-35-8	Not assigned	Not assigned	Not assigned

### SECTION 3 HAZARDS IDENTIFICATION

**Emergency Overview: DANGER - POISON:** Harmful or fatal if swallowed, inhaled or absorbed through skin or mucous membranes, because this material may reduce the clotting ability of the blood and cause bleeding. Initial signs of systemic poisoning include lethargy, loss of appetite, reduced clotting ability of blood. Exposure during pregnancy should be avoided.

**Primary Entry Routes:** Inhalation, dermal (absorption through skin)

**Acute Effects (Signs and Symptoms of Overexposure):**

**Eyes:** May be absorbed through eyes and mucous membranes.

**Skin:** May be absorbed through skin.

**Inhalation:** May be absorbed by inhalation.

**Ingestion:** Harmful or fatal if swallowed.

**Chronic Effects:** Prolonged and/or repeated exposure to small amounts of product can produce cumulative toxicity. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood.

**Medical Conditions Aggravated by Exposure:** Respiratory disorders, lung disease, bleeding disorders

**Target Organs:** Liver

**Carcinogenicity:** Contains no known or suspected carcinogens.

**HMIS:** Health - 3, Flammability - 0, Reactivity - 0

### SECTION 4 FIRST AID MEASURES

**Eyes:** Immediately flush eyes / under eyelids with water. Get medical attention if irritation persists, or if symptoms of poisoning are present.

**Skin:** Immediately wash skin with soap and water. Get medical attention if irritation persists, or if symptoms of systemic poisoning are present.

**Inhalation:** If inhaled, remove person to fresh air. Get medical attention.

**Ingestion:** Call a physician or poison control center immediately. Have the product label available for medical personnel to read.

Induce vomiting under the direction of medical personnel. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. If syrup of ipecac is available, give 1 tablespoon (15ml) followed by 1 or 2 glasses of water. If vomiting does not occur within 20 minutes, repeat this dosage once. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

**Note to Physician:** This rodenticide contains an anticoagulant ingredient.

If ingested, administer vitamin K<sub>1</sub> intramuscularly, intravenously or orally, as indicated in bishydroxycoumarin overdoses. In severe cases, blood transfusions may be necessary. The severity of poisoning can be measured by establishing prolonged prothrombin times. Repeat as necessary based on monitoring of prothrombin times.

### SECTION 5 FIRE FIGHTING MEASURES

**Flash Point:** None  
**Autoignition Temp.:** Not determined  
**Explosive Limits:** LEL: Approximately 0.05 g/liter  
UEL: Not determined



**Extinguishing Media:** Use media suitable for the surrounding fire  
**Unusual Fire or Explosion Hazards:** Dust may ignite explosively at concentrations greater than the lower explosive limit (LEL).  
**Fire Fighting Instructions:** Firefighters should wear self-contained breathing apparatus (full facepiece) and full protective clothing. Contain runoff to prevent pollution.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Large Spill/Leak Procedures:** Isolate and contain spill. Remove all unprotected persons from spill area. Do not allow spill to enter sewers, streams or other waters. Wearing suitable protective equipment, scoop up spilled material and place in a closed, labeled container for use or disposal.

**Small Spills:** Wearing suitable protective equipment (see section 8 of this MSDS), scoop up material for use according to label instructions.

### SECTION 7 STORAGE AND HANDLING

**Storage Requirements:** Store in original container in a cool, dry, ventilated area, and away from food, feed, seed, fertilizer and other pesticides. Keep container tightly sealed closed. Keep away from fire or open flame or other sources of heat. Do not remove or destroy the product label.

**Handling Precautions:** Carefully follow all cautions, directions and use restrictions on the label. Do not get in eyes, on skin or on clothing. Never eat, drink or smoke in work areas. Wash arms, hands and face with soap and water after handling this product, and before eating and smoking. Persons with routine or repeated exposure should be placed in a medical monitoring program, including periodic monitoring of prothrombin times.

### SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Ventilation:** Local ventilation (as part of the manufacturing process) is recommended to reduce worker exposure to this pesticide chemical.

**Protective Clothing/Equipment:** When handling this product, wear eye goggles, rubber gloves and appropriate chemical safety clothing sufficient to prevent product dust from contacting skin.

**Respirator:** Wear a suitable dust respirator to prevent inhalation of dusts.

**Contaminated Equipment:** Wash contaminated clothing and equipment with soap and hot water before reuse. Launder contaminated clothing separate from street clothes. Do not wear contaminated shoes.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Specific Gravity:</b>	1.44 g/ml	<b>Water Solubility:</b>	Negligible
<b>pH:</b>	Not applicable	<b>% Volatile (Volume):</b>	Not applicable
<b>Vapor Density:</b>	Not applicable	<b>Vapor Pressure:</b>	Not determined
<b>Boiling Point:</b>	Not applicable	<b>Melting Point:</b>	Not determined
<b>Appearance / Odor:</b>	Off-white to pale yellow powder; essentially odorless.		

### SECTION 10 STABILITY AND REACTIVITY

**Stability:** Light-sensitive material.

**Conditions to Avoid:** Avoid prolonged exposure to sunlight / artificial light

**Hazardous Polymerization:** Will not occur

**Chemical Incompatibilities:** Alkaline materials

**Hazardous Products of Decomposition:** Oxides of carbon

### SECTION 11 TOXICOLOGICAL INFORMATION

**Eye Effects/Eye Irritation:** Minor, transient irritation; may be absorbed  
**Acute Oral Effects:** LD<sub>50</sub> (oral, rat): 354 mg/kg  
**Acute Inhalation Effects:** LC<sub>50</sub> (rat, 4 hour): less than 0.446 mg/liter  
**Acute Dermal Effects:** LD<sub>50</sub> (dermal, rabbit): greater than 2000 mg/kg  
**Skin Irritation:** Non-irritating  
**Skin Sensitization:** Not a skin sensitizer

### SECTION 12 ECOLOGICAL INFORMATION

This product is toxic to wildlife. Do not discharge effluent containing this product to surface waters unless in accordance with a NPDES permit and notifying the permitting authority. Do not discharge effluent containing this product to sanitary sewer without notifying the treatment plant authorities.

### SECTION 13 DISPOSAL CONSIDERATIONS

**Disposal:** Wastes which result 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 RCRA. State and local regulation may affect disposal - consult your state or local environmental agency for disposal information.

### SECTION 14 TRANSPORT INFORMATION

**Transportation Data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class:** Not applicable **ID No.:** Not applicable

### SECTION 15 REGULATORY INFORMATION

**TSCA:** All components of this product are listed on the TSCA inventory.

**SARA Section 313:** Contains no reportable components.

**SARA Section 302:** Extremely Hazardous Substance (EHS) Threshold Planning Quantity (TPQ) and Reportable Quantity (RQ) is 100 pounds.

**OSHA Hazard Classification:** Acute health hazard, chronic health hazard.

**Proposition 65:** Contains no components subject to warning requirements.

### SECTION 16 OTHER INFORMATION

**Prepared by:** T. Schmit **Date:** 7/24/2003

Information presented on this Material Safety Data Sheet is believed to be accurate at the time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner/conditions of use, storage or local regulations.