

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Rozol® Rodenticide 2% Dry Concentrate  
**Other identifier(s):** EPA Registration Number 7173-219  
**Uses or restrictions:** Rodenticide manufacturing concentrate  
**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)  
**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Acute Toxicity – Inhalation, Oral, Dermal, Category 2  
Specific Target Organ Toxicity – Single exposure, Category 1  
Specific Target Organ Toxicity – Repeated exposure, Category 1  
**Danger:** Fatal if inhaled. Harmful if swallowed or in contact with skin.  
Causes damage to blood by inhibiting the blood clotting mechanism.  
Do not breathe dust. Wear respiratory protection. Wash hands, arms and face thoroughly after handling. Take off contaminated clothing & wash it before re-use. Do not eat, drink or smoke when using this product. Dispose of waste in special waste containers designated for chemical-contaminated waste. Store locked up. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed or on skin: Immediately call a doctor or poison control center. Rinse mouth. Wash skin with plenty of water. Specific treatment is Vitamin K<sub>1</sub> antidote.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Chlorophacinone (CAS registry no. 3691-35-8) ..... 2%

## Section 4: First Aid Measures

Have the product label with you when obtaining treatment advice.  
**If swallowed:** Call a poison control center or doctor. 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. Do not give anything by mouth to an unconscious person.  
**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration (preferably mouth-to-mouth) and call poison control or doctor.  
**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.  
**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.  
**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** May form explosive dust/air mixture.  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Do not breathe dust. Special ventilation may be required in manufacturing facilities handling this product.  
**Individual protection measures:** Wear a dust/mist filtering respirator

(MSHA/NIOSH approval number prefix TC-21C), eye goggle, rubber gloves and other protective clothing when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with 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. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing. Avoid exposure during pregnancy.

## Section 9: Physical and Chemical Properties

**Appearance:** Pale yellow powder, no characteristic odor.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.44 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not applicable **Freezing point:** Not applicable  
**Flash point:** Not applicable **Autoignition temp.:** Approx. 170 °C  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits – Lower limit:** 60 g/m<sup>3</sup>; **Upper limit:** Not determined  
**Particulate coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** May form explosive dust/air mixture. Minimum Ignition Energy (MIE): >30 mJ at normal moisture level. P max: 9.5 Bar. Kst: 170 Bar.m/s.  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Inhalation, skin absorption, ingestion.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): 354 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 0.6 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >420 mg/kg, <2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is toxic to birds and mammals. Do not discharge this product directly to any body of water or to sewer system unless in accordance with a NPDES permit. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**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.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product must be shipped as a hazardous material for all modes of transportation in the U.S., with the proper shipping name of: Organochlorine Pesticide, Solid, Toxic.  
**Hazard class:** 6.1 **Packing Group:** II **UN ID no.:** UN2761

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**EPCRA Sec. 302 TPO, Sec. 304 RQ:** 100 pounds of chlorophacinone powder.  
**SARA section 313:** Contains no reportable components.  
**Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the US Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
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