

Agrium Advanced Technologies
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MATERIAL SAFETY DATA SHEET

PRODUCT: Rozol® - Liquid

Transportation Emergencies: 1-800-792-8311
Medical Emergencies: 1-877-615-0015

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 21160

Code: 34805

Chemical Name: 2-((p-chlorophenyl)phenylacetyl)-1,3-indandione

Synonyms: Chlorophacinone

Chemical Family: Hydroxycoumarin

Product Use: Rodenticide

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Chlorophacinone	0.07	3691-6	Oral, rat 15.5	LC50 10 mg/L/4h
Calculate LD50 for mixture			22,150	

SECTION 3 - PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 0.872

Boiling Point: No Data

Vapour Pressure: No Data

% Volatiles: No Data

Solubility in Water: insoluble

Appearance\Odour: Clear viscous liquid

pH: No Data

Freezing/Melting Point: No Data

Vapour Density: No Data

Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: 230 °C

Lower Explosion Limit %: No Data

Fire Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Fog

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.

Other Fire or Explosion Hazards: None known.

Autoignition Temperature: 399 °C

Upper Explosion Limit %: No Data

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Exposure to UV light may cause this product to decompose.

Incompatibility (Materials to Avoid): Acids and bases.

Hazardous Decomposition Products: Carbon Dioxide and Carbon Monoxide.

Hazardous Polymerization: Will Not Occur

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: None likely to occur under normal usage.

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Effects of Chronic Exposure: Chlorophacinone is an anticoagulant which may accumulate in the system and cause internal bleeding.

Other Health Effects: This product is an anticoagulant and can cause bleeding. Main routes of entry are oral, inhalation and dermal. Notes to Physician - Monitor prothrombin times for 5 to 7 days. Intravenous and oral administration of Vitamin K₁ should be given if lab results indicate an effect on blood clotting times. This product has a prolonged anticoagulant action, which may persist for up to 45 days.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air. Give Artificial Respiration ONLY if required. Give CPR if there is NO breathing AND NO pulse. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

Ingestion: Give 1 to 2 glasses of water (200 TO 500 ML) to dilute material. Induce vomiting by using a blunt object or finger down the throat. Syrup of IPECAC can also be used to induce vomiting. Have victim lean forward with head down to avoid breathing vomitus. Do not induce vomiting or give anything by mouth to an unconscious person. OBTAIN MEDICAL ADVICE.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: NIOSH/MSHA approved respirator, required for prolonged usage.

Eye Protection: Chemical goggles.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, ventilated area. Keep out of reach of children and pets.

Storage Temperature: Min: 5 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak and contain spill. Sweep up the spilled material and transfer into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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