

MATERIAL SAFETY DATA SHEET

IDENTITY: **JTEATON® A-C FORMULA 90 KILLS MICE** HMIS Rating: Health: 1
JTEATON® A C FORMULA 90 RODENTICIDE Flammability: 0
JTEATON® ANSWER FOR RATS Reactivity: 0
JTEATON® A C FORMULA 90 READY-TO-USE RODENTICIDE Personal Protection: Rubber Gloves
JTEATON® ANSWER KILLS MICE and Safety Glasses
JTEATON® A-C FORMULA 90 BULK RODENTICIDE

EPA Registration Nos. 56-56, 56-58, 56-69, 56-70 & 56-71

Active Ingredient Chemical Name: Chlorophacinone

Chemical Family: Indandione

SECTION I

Manufacturer's Name: J.T. Eaton & Company, Inc. Emergency Telephone Number:
National Pesticide Telecommunications Network at
800-858-7378

Address: 1393 East Highland Road Telephone Number for Information:
Twinsburg, OH 44087 USA 9 AM to 5 PM ESDT - 330-425-7801

Prepared By: Bart Baker Date Prepared: November 12, 1998

SECTION II - Hazardous ingredients/Identity Information

Hazardous Components (<i>Specific Chemical Identity: Common Name(s)</i>)	PEL	OSHA TLV	ACGIH Recommended	Other Limits % (optional)
2-[(p-chlorophenyl) phenylacetyl], -1, 3-indandione, Chlorophacinone (CAS No. 3691-35-8) $C_{23}H_{15}ClO_3$	N/A	N/A	N/A	0.005%

Product contains 0.005% Chlorophacinone-Liphadione, an anticoagulant, and 99.995% inerts. Hazard would be ingestion of moderate quantities. Symptoms: refer to Section 6. This product would not be considered toxic as defined by the Federal Hazardous Substance Act or the Department of Transportation.

SECTION III - Physical/Chemical Characteristics

Boiling Point: N/A Specific Gravity ($H_2O = 1$): N/A Bulk Density: ~42 lb./ft.³

Vapor Pressure (*mm Hg.*): None Melting Point: N/A

Vapor Density (*AIR = 1*): None Evaporation Rate (*Butyl Acetate = 1*): N/A

Solubility in Water: Negligible % Volatile: Negligible

Appearance and Odor: Green colored grains and seeds. Characteristic odor: Apple

SECTION IV - Fire and Explosion Hazard Information

Flash Point (*Method Used*) - N/A Flammable Limits - N/A LEL - N/A UEL - N/A

Extinguishing Media: Foam, CO₂, dry chemical, water.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Self contained breathing apparatus (full face piece) and protective clothing is advised.

SECTION V - Reactivity Data

Stability: Stable Incompatibility: Incompatible with Alkalies.

Hazardous Polymerization: None. Incomplete burning can produce carbon monoxide, carbon dioxide and other harmful products.

Conditions to Avoid: None

SECTION VI - Health Hazard Data

Route(s) of Entry: Inhalation? - No Skin? - Yes, slight Ingestion? - Yes

Health Hazards (*Acute and Chronic*): May reduce clotting ability of blood and cause bleeding in extreme cases. Initial symptoms may include back pain, vomiting, attacks of nose bleeding and gum bleeding, pallor. *Acute*: Oral LD₅₀ = 3 mg/kg (rats) Chlorophacinone

Technical at 98% Active Ingredient. (Equivalent to >5,000 mg/kg of **JTEATON AC FORMULA 90 RODENTICIDE**.)

Carcinogenicity: - No NTP? - No IARC Monographs? - No OSHA Regulated? - No

Medical Conditions Generally Aggravated by Exposure: Bleeding disorders.

Emergency and First Aid Procedures: Eyes: Immediately flush eyes with plenty of water for at least 5 minutes.
Skin: Immediately wash with soap and water then flush with running water for at least 5 minutes.
Inhalation: None.
Ingestion: Induce vomiting by drinking 1 to 2 glasses of water and touching back of throat with a finger or a blunt object. Do not give anything by mouth or induce vomiting in an unconscious patient. Call a physician immediately. Administer Vitamin K₁ intramuscularly or orally as indicated in Bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

SECTION VII - Precautions for Safe Handling and Disposal

Steps to Be Taken in Case Material is Released or Spilled: Carefully sweep up and dispose of product. Do not get in eyes, on skin or on clothing. Wash arms, face and hands with soap and water before eating or smoking.

Waste Disposal Method: Wastes resulting from the use of this product may be disposed of on site according to label directions or at an approved waste disposal facility.

Precautions to Be Taken in Handling and Storing: Always use protective gloves and clothing when handling, using, or cleaning up this product. Store in original container in a cool, dry place inaccessible to children, pets, and wildlife and away from offensive odors. Avoid skin contact. Do not take internally. Do not contaminate water, food, or animal feed by storage or disposal.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*): None

Ventilation: Local Exhaust? - None Special? - None Mechanical (*General*)? - None Other? - None

Protective Gloves - Chemically impervious gloves. Eye Protection - Safety glasses as needed for other activities.

Other Protective Equipment: None

Work/Hygienic Practices: Wash hands with soap and water after handling product.

SECTION IX - California Addendum (Proposition 65) Safe Drinking Water and Toxic Enforcement Act of 1986

The following specific warnings are hereby given relative to substances that the State of California has identified as carcinogens and/or reproductive hazards under Proposition 65:

WARNING: N/A WARNING: N/A

SECTION X - SARA TITLE III HAZARD CATEGORY:

For Reporting Under Sections 311 & 312

Immediate - Yes Delayed - Yes Fire - No Reactive - No Sudden Release of Pressure - No

SARA Title III Category: The Threshold Planning Quantity is 10,000 lb. Chlorophacinone.
The Superfund Reporting Quantity is 1 lb. Chlorophacinone.

SECTION XI - Shipping Information

D.O.T. Hazard Classification: Not D.O.T. Regulated.
Bill of Lading Description: Vermin Exterminators, NOI

All information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Material Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee expressed or implied is made by J.T. Eaton & Co., Inc. as to the results to be obtained based upon your use of the information nor does J.T. Eaton & Co., Inc. assume any liability arising out of your use of the information.