

# MATERIAL SAFETY DATA SHEET

<b>SECTION 1.            PRODUCT AND COMPANY IDENTIFICATION</b>
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Chemical Product

Gopher Bait 50R  
EPA Reg. No. 53883-24  
Common Name:                 Strychnine  
Chemical Description:         Strychnine alkaloid.  
TSCA/CAS No.:                 The primary CAS No. is 57-24-9

Manufactured By

Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507

Emergency Phone Numbers

Emergency Telephone: (866) 897-8050  
CHEMTREC (24-Hour Emergency Number): (800) 424-9300  
EPA National Response Center: (800) 424-8802

<b>SECTION 2.            HAZARDOUS INGREDIENTS</b>
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CHEMICAL	CAS NO.	%	TLV OR PEL	RQ(lbs)
Strychnine	57-24-9	0.50	*N.A.	*N.P.

\*N.A. – Not Available  
\*N.P. – Not Pertinent

<b>SECTION 3.            EMERGENCY/HAZARDS OVERVIEW</b>
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Green , milo with crystalline-alkaloid coating. No odor. Highly toxic poison. Do not inhale, ingest or allow to come in contact with open cuts. Convulsive poison. When overheated, gives off toxic fumes. Not DOT regulated.

HEALTH: 3    REACTIVITY: 0    FLAMMABILITY: 1    ENVIRONMENT: 0  
(0=Insignificant    1=Slight    2=Moderate    3=High    4=Extreme)

<b>SECTION 4.            FIRST AID</b>
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Eyes:                    Flush eyes with plenty of water. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and wash affected areas with germicidal soap and water. May cause an allergic reaction. See physician if irritation persists.

Ingestion: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. If less than ten (10) minutes have passed since poison was ingested, give 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Have patient lie down in quiet, darkened room and keep him warm and quiet. DO NOT induce vomiting or give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Notice to Physicians: Administer 100% oxygen by positive pressure to provide as much pulmonary gas exchange as possible, despite seizures. Administer Anticonvulsant drugs intravenously to control convulsions. CAUTION: It may be difficult or impossible to stop the seizure activity without stopping respiration. Be prepared to maintain pulmonary ventilation mechanically. Tracheotomy may be necessary if seizures are prolonged.

<b>SECTION 5. FIRE AND EXPOSION HAZARDS</b>
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Flash Point:	Non-flammable.
Test Method:	Not available.
LEL Flammable Limits:	Not available
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not available.
Flammability Classification:	Noncombustible.
Known Hazardous Products of Combustion:	Not applicable.
Properties that initiate/Contribute to Intensity of Fire:	Not applicable.
Potential For Dust Explosion:	Not known.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not known.
Unusual Fire & Explosion Hazards:	Now known.
Extinguishing Media:	Not applicable.
Special Firefighting Procedures:	Use full-faced self-contained breathing apparatus along with full protective gear.

<b>SECTION 6. SPILLS AND LEAKS</b>
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Containment: DO NOT allow bait to be exposed on soil surface. DO NOT contaminate water by cleaning of equipment or disposal of wastes.

Clean Up: Sweep up all spilled bait carefully and bury.

Evacuation: Not necessary.

<b>SECTION 7. STORAGE AND HANDLING</b>
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Storage: Store in original container in a dry place inaccessible to children and pets, under

lock and key. Do not store near heat or flame. Do not store near food or feeds. Do not stack pallets more than two (2) high.

Transfer Equipment: Not applicable.

Work/Hygienic Practices: Keep out of reach of children, pets and domestic animals. Convulsion poison. Poisonous if swallowed. This bait may cause an allergic reaction. Do not breathe dust. Do not get in eyes, on skin or on clothing. Do not contaminate feed and foodstuffs. Wash arms, hands and face with germicidal soap and Water after using and before eating or accepting anything by mouth or smoking. All spilled bait must be cleaned up immediately.

## **SECTION 8. PERSONAL PROTECTIVE EQUIPMENT**

Eyes: None required.

Skin: Long-sleeved shirt, long pants, shoes plus socks and rubber gloves.

Respiratory: Wear dust respirator type mask.

Ventilation: Local exhaust required. Do not stand down wind.

## **SECTION 9. PHYSICAL AND CHEMICAL DATA**

Appearance:	Green colored, milo with crystalline-alkaloid coating.
Odor:	No odor.
pH:	Not available.
Vapor Pressure	Not available.
Vapor Density (Air = 1)	Not available.
Boiling Point:	Not available.
Freezing Point:	Not available.
Water Solubility:	Slight.
Density:	Not available.
Evaporation Rate:	Not available
Viscosity:	Not available.
% Volatile:	Not available
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

## **SECTION 10. STABILITY AND REACTIVITY**

Stability:	Stable.
Conditions to Avoid:	Spilling and heating.
Incompatibility:	Compatible with most materials.
Hazardous Decomposition Products:	Only when heated.
Hazardous Polymerization:	May occur.

## **SECTION 11. POTENTIAL HEALTH EFFECTS**

Acute Effects:

Eyes: May cause irritation.  
Skin: May cause an allergic reaction. LD50 > 2000 mg/kg.  
Ingestion: Highly toxic convulsive poison. Fatal if swallowed. LD50 = 659 mg/kg.  
Inhalation: None expected but aerosol mist may cause mild irritation of nasal mucous membranes.

Subchronic Effects: May cause allergic reaction, weakness, nausea, muscular atrophy, convulsions.

Chronic Effects: Not known.

**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition: Extremely toxic.  
Toxicity to Fish and Invertebrates: Extremely toxic.  
Toxicity to Plants: Extremely toxic.  
Toxicity to Birds: Extremely toxic.

**SECTION 13. DISPOSAL**

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

**SECTION 14. TRANSPORTATION**

D.O.T.: Not D.O.T. Regulated.  
Other Shipping Description: Vermin Extermiantors.  
NMFC Item 102120, LTL Class 60

**SECTION 15. REGULATORY INFORMATION**

CERCLA: Strychnine is listed as a priority pollutant under the Clean Water Act and, as such, fall under CERCLA spill reporting requirements of 40 CFR 302.  
SARA TITLE III, Section 313 Toxic Chemicals: None.  
Propostion 65: None.

**SECTION 16. OTHER**

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.