

# MATERIAL SAFETY DATA SHEET

RCO Gopher Grain Bait EPA Reg. No. 5042-32 Page 1 of 3 Issue Date 01-14-04

## SECTION I. MATERIAL IDENTIFICATION

Strychnine treated oat grain bait for controlling pocket gophers.

**Product Name:** OMEGA Gopher Grain Bait EPA Reg. No.: 5042-32

**Registrant:** RCO Intl. Inc. P.O. Box 191 Harrisburg Or, 97446

**Manufacturers:** RCO Intl. Inc.

**Emergency Phone Numbers:** RCO Intl. 1-800-214-2248 CHEMTREC 1-800-424-9300

**Emergency / Hazard Overview:** Health: 3 Reactivity: 0 Flammability: 1 Environment: 0

( 0= Insignificant 1= Slight 2= Moderate 3= High 4 = Extreme )

## SECTION II. HAZARDOUS INGREDIENTS / IDENTITY DATA

**Chemical Name:** Strychnine Alkaloid 0.5% CAS. No. 57-24-9 TLV units 0.15%mg/m (TWA)

**Human Oral** LD50: 100-1208 mg/kg **Rat Oral** LD50 440 mg/kg

**Additive Inerts:** 99.5% Green colored dehulled oat, slight anise odor, bitter in taste.

## SECTION III. PHYSICAL / CHEMICAL CHARACTERISTICS (Active Ingredient)

**Boiling Point (760 mm Hg):** Decomposes

**Specific Gravity (water=1) :** N/A

**Molecular Wt.:** EQ 334.4

**Vapor Density:** N/A

**Solubility in Water:** Slight 0.02 (g/100g water at 20/ C)

**Evaporation Rate:** N/A

**Appearance and Odor:** Odorless white powder. Bitter in taste.

**Melting Point:** EQ 514.4

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** Non-Flammable **Flammability Classification:** Noncombustible

**Auto ignition Temperature:** N/A **Flammable Limits:** N/A

Contact with strong oxidizers may cause heat/explosion. Like every grain product, this can reach self-ignition temperature in storage because of fermentation induced by moisture and warm conditions. Also finely dispersed dust particles in the air can be a fire or explosion hazard.

**Extinguishing Media:** When heated, strychnine emits highly toxic fumes, thus fire fighters should wear self-contained breathing equipment along with full protective gear.

## SECTION V. REACTIVITY DATA

**Incompatibility:** Compatible with most materials.

**Stability:** Stable

**Decomposition:** May occur when bait is heated or burned. Also toxic gases and vapors (such as oxides of nitrogen and carbon monoxide) may be released when strychnine decomposes.

**Hazardous Polymerization:** None

## SECTION VI. HEALTH HAZARD DATA

### FIRST AID

**Chemtrec 1-800-424-9300**

**IF SWALLOWED: Call a Physician or Poison Control Center Immediately.**

If less than ten (10) minutes have passed since the poison was taken, give 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Have patient lie down in a quiet, darkened room and keep him warm and quiet. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

**IF IN EYES:** May cause irritation. Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Get Medical attention. Remove clothing for proper cleaning of contaminated areas. May cause allergic reaction, LD50>2000 mg/kg. **Note 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. **Threshold Limit:** 3-lethal dose to man 30-60-mg/kg Strychnine Equivalent.

**Effects of Overexposure:** Rapid onset of exaggerated reflexes and spasms of arms and legs. With larger doses, there is a sense of impending suffocation. Successive spasm attacks may result in death.

## SECTION VII. ECOLOGICAL DATA

**Alga/Lemna Growth Inhibition:** Extremely Toxic

**Toxicity to Fish and Invertebrates:** Extremely Toxic

**Toxicity to Birds:** Extremely Toxic

## SECTION VIII. PRECAUTION FOR SPILLS AND DISPOSAL

**Spills:** Clean up all spilled material and place in original or similar type container that is properly labeled and reseal for reuse or later disposal. Store as directed. Use a dust respirator and gloves when cleaning up spills. See below for recommended personal protection wear in Section IX.

**Waste Disposal:** Dispose of waste in designated landfill in accordance with local, state and federal regulations. Dispose of containers likewise. Do not reuse containers for purposes other than those designated on label. Empty bag may be burned or sent to appropriate disposal site. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Always consult local waste regulators for proper disposal.

## SECTION IX. SPECIAL CONTROL MEASURES ( STORAGE & HANDLING )

**Handling:** Use good personal hygiene when using this product. Gopher Baits may cause an allergic reaction. Do not breathe dust. Do not get in eyes, on skin or on clothing. Wear long sleeved shirts, gloves, dust mask and eye protection when applying. Limit any spillage above ground and always clean up spills. **Proper application of this product is convenient and efficiently completed by observing this information.** Use good housekeeping practices where this material is used/stored to prevent accumulation/contamination.. Always wash hands as directed after application of this material. Avoid ingesting. Avoid contaminating water bodies by discharge of waste effluents.

**Storage:** Store in original container in a cool, dry place, inaccessible to children, pets and wildlife. Do not contaminate feed or foodstuffs, nor store near heat or flames. Lock up pesticides whenever possible.

## SECTION X. REGULATORY DATA

**Proposition 65:** None

**SARA TITLE III, Section 313 Toxic Chemicals:** None

**CERLA:** Strychnine is listed as a priority pollutant under the Clean Water Act and, as such, falls under the **CERCLA** spill reporting requirements of 40 CFR 302.

## SECTION XI. TRANSPORTATION DATA

**D.O.T. :** Not a Regulated Freight

**Shipping Description:** Vermin Exterminator NMFC Item 102120 LTL Class 60

## SECTION XII. 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 to 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.