

Safety Data Sheet

RCO Omega Gopher Bait

SDS Revision Date:

02/28/2018

1. Identification

1.1. Product identifier

Product Identity RCO Omega Gopher Bait
Alternate Names USEPA Reg # 5042-32

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name RCO International, Inc.
P.O. Box 191
Harrisburg, OR 97446

Emergency

U.S. Medical Emergency (800) 498-5743
Customer Service: RCO International, Inc. (541) 995-7799

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Acute Tox. 4;H302 Harmful if swallowed.
Acute Tox. 3;H311 Toxic in contact with skin.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H302 Harmful if swallowed.
H311 Toxic in contact with skin.

[Prevention]:

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

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P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor / physician immediately.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P322 Specific measures (see information on this label).

P330 Rinse mouth.

P361 Remove / Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

There are no ingredients in this product which are in a concentration above the GHS cutoff. Contains active ingredient Strychnine (CAS Number 57-24-9) at 0.5%

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If less than ten (10) minutes have passed since the poison was taken, give or 2 glasses of water and induce vomiting by touching 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.

4.2. Most important symptoms and effects, both acute and delayed

Overview	DANGER: Convulsive Poison! Fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe dust. Do not apply this product in a way that will contact any person or pet. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.
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Note to Physician:

A. Administer 100% OXYGEN by positive pressure to provide as much pulmonary gas exchange as possible, despite seizures.

B. Administer ANTICONVULSANT DRUGS intravenously to control convulsions.

NOTICE: 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.

See section 2 for further details.

Skin Toxic in contact with skin.
Ingestion Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

When heated, strychnine emits highly toxic fumes, thus firefighters must wear self-contained breathing apparatus.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

This product is toxic to fish, birds and other wildlife. Do not allow bait to be exposed on soil surface. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning or equipment, or disposal of wastes.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Sweep up spilled materials completely and either use according to label directions or take to an approved pesticide disposal site in a sealed container.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or reinstatement is a violation of Federal law. If these wastes cannot be disposed of by label instructions, contact your State Pesticide or Environment Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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7. Handling and storage

7.1. Precautions for safe handling

Non-refillable container. Do not reuse or refill this container. Offer to recycling, if available. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Store only in original container, in a dry place inaccessible to children, pets and domestic animals.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

Keep away from children and pets.

8. Exposure controls and personal protection

8.1. Control parameters

There are no ingredients in this product which are in a concentration above the GHS cutoff. Contains active ingredient Strychnine (CAS Number 57-24-9) at 0.5%

Strychnine has an OSHA PEL of 0.15 mg/m³ (TWA) and ACGIH TLV of 0.15 mg/m³ (TWA)

8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. MSHA/NIOSH approval # prefix TC-21C or NIOSH w/ N,P,R,HE filter.

Eyes

Safety Goggles

Skin

Wear long sleeved shirts, pants, shoes with socks, and rubber gloves.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions, use detergent and hot water. Keep and wash PPE separately from other laundry Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

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9. Physical and chemical properties

Appearance	Green Solid
Odor	Slight smell of anise oil
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	518F
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	Not Measured
Solubility in Water	Insoluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Bulk Density	5.5 lbs/gal

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Excessive heat and open flame.

10.5. Incompatible materials

Compatible with most materials.

10.6. Hazardous decomposition products

May occur when bait is heated or burned.

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11. Toxicological information

Acute toxicity

There are no ingredients in this product which are in a concentration above the GHS cutoff. Contains active ingredient Strychnine (CAS Number 57-24-9) at 0.5%
Strychnine has an oral LD50 of 16 mg/kg (rat)

The lethal dose to man is 30-60 mg/kg of strychnine, equivalent to one gram of bait per kilogram of body weight.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	3	Toxic in contact with skin.
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

There are no ingredients in this product which are in a concentration above the GHS cutoff. Contains active ingredient Strychnine (CAS Number 57-24-9) at 0.5%
Strychnine is expected to be very toxic to aquatic and terrestrial life.
The LC50/96 hour values for fish are less than 1 mg/l

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12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

This product is not regulated by DOT; Freight Class Number is 77.5.

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	D1B

US EPA Tier II Hazards

Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

Strychnidin-10-one

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EPCRA 313 Toxic Chemicals:

Strychnidin-10-one

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

N.J. RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Penn RTK Substances (>1%):

Soybean oil

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not Applicable

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

End of Document

**PRECAUTIONARY STATEMENT
HAZARD to HUMANS and DOMESTIC ANIMALS**

DANGER: Convulsive poison! Fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe dust. Do not apply this product in a way that will contact any person or pet. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- long-sleeve shirt and long pants
- cotton gloves
- shoes plus socks

When disposing of non-rigid containers (e.g. bags) handlers must wear:

- long-sleeve shirt and long pants
- waterproof gloves
- shoes plus socks
- goggles or face shield, and
- a dust/mist filtering respirator (NIOSH/MSHA approval number prefix TC-21C), or a NIOSH approved respirator with any N, P, R or HE filter.

Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should remove clothing immediately if pesticide gets inside. Then, wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of waterproof gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not allow bait to be exposed on soil surface. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by the cleaning of equipment or disposal of wastes. Do not apply directly to food or feed crops.

ENDANGERED SPECIES CONSIDERATIONS

NOTICE: The killing of a member of an endangered species during strychnine baiting operations may result in a fine under the Endangered Species Act. Before baiting, the user is advised to contact the Regional U.S. Fish and Wildlife Service (Endangered Species Specialist) or the local Fish and Game Office for specific information on endangered species. Strychnine baits should not be used in the geographic ranges of the following species except under programs and procedures approved by the USEPA: California condor, San Joaquin kit fox, Morrow Bay kangaroo rat, gray wolf and grizzly bear.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage disposal.

PESTICIDE STORAGE: Store excess materials in original labeled container in a cool, dry area. Do not stack containers more than three high. Rotate containers end to end at least once a month. Keep containers away from children, pets and domestic animals. Avoid contamination of other pesticides, fertilizers, food and feed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities. If burned, stay out of smoke.



ACTIVE INGREDIENT:	Manufactured by: RCO International, Inc.
Strychnine Alkaloid	PO Box 191, Harrisburg, Oregon 97446
INERT INGREDIENTS	EPA Reg. No.: 5042-32
TOTAL	EPA Est. No.: 67442-0R-002
100.00%	

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON



POISON

FIRST AID

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 them 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: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

NOTE TO PHYSICIAN

Administer 100% OXYGEN by positive pressure to provide as much pulmonary gas exchange as possible, despite seizures. Administer ANTICONVULSANT DRUGS intravenously to control convulsions. **NOTICE:** 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.

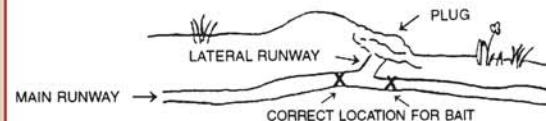
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS: This product may be used only in manual, subterranean applications in terrestrial food crops, and terrestrial nonfood and forestry areas to control the following species of pocket gophers: Northern (*Thomomys talpoides*); Southern (*Thomomys umbrinus*); Camas (*Thomomys bulbivorus*); Valley (*Thomomys bottae*); Mazama (*Thomomys mazama*); Plains (*Geomys bursarius*); Mountain (*Thomomys monticola*); and Townsend's pocket gophers (*Thomomys townsendii*).

Bait must be deposited in pocket gophers' underground runways. Do not apply bait above ground. Do not apply this product by means of a burrow-builder machine. Do not apply this product over food or feed crops. Do not expose baits in a manner which presents a hazard to humans, pets, poultry, or livestock. Keep pets, domestic animals, and people not involved with the application out of the treatment area while product is being applied.

BAITING: Burrowing pocket gophers throw out low, fan-shaped dirt mounds on either side of their underground runways. Short lateral tunnels connect the mounds to the main runway. Except when a pocket gopher is throwing out dirt, its lateral tunnels are plugged with soil at the mound, often creating a horseshoe-shaped depression. Pocket gophers may be controlled by placing bait in the main runway, after gaining access by removing plugs in lateral tunnels or by probing soil to locate the main runway.



LATERAL TUNNELS: With a long-handled spoon or other suitable tool, carefully remove dirt plug. Insert a teaspoonful of bait at the junction of the lateral tunnel and the main runway. Re-close hole, taking care to exclude light and not to allow soil to cover bait. Pick up and properly dispose of any spilled bait.

PROBING: With a metal rod or other suitable implement, probe soil 6 to 8 inches around mound, starting from plug side, to locate main runway. When runway is entered, resistance on probe will decrease abruptly. Remove probe and insert a teaspoonful of bait through probe hole (enlarged if necessary). Cover opening with a rock, a clump of soil, or other object that will exclude light. Take care not to permit dirt to cover bait. Pick up and properly dispose of any spilled bait.

APPLICATION RATE: Make two to five sets per burrow system, depending upon its apparent size. Depending upon pocket gopher density, one pound of bait will treat one to eight acres.

NOTICE: Because RCO International, Inc. has no control over storage, handling and conditions of use, which are of critical importance, RCO International, Inc. makes no representation of warranty, either expressed or implied, for results due to misuse, improper handling or storage of this material. Nor does RCO International, Inc. assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or storage of this material.



NET CONTENTS: 50 LBS.

