

**MATERIAL SAFETY DATA SHEET**

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**MARINE POLLUTANT**

**1. PRODUCT IDENTIFICATION**

**Product Name:** Sluggit Prima 30 Slug and Snail Bait

**CAS No.** See Composition/Information of ingredients

**Molecular weight:** Not applicable (mixture)

**2. COMPOSITION/INFORMATION OF INGREDIENTS**

**Recommended use:** Sluggit Prima 30 Slug and Snail Bait

**Appearance:** See Composition/Information of ingredients

| <b>Ingredients</b> | <b>Cas No.</b> | <b>Percent</b> | <b>Hazardous</b> |
|--------------------|----------------|----------------|------------------|
| Metaldehyde        | 9002-91-9      | 30g/kg         | Moderate         |
| Inert Ingredients  |                |                | Non-hazardous    |

### 3. HAZARD IDENTIFICATION

|                             |  |
|-----------------------------|--|
| <b>Emergency Overview:</b>  | This product is of low oral toxicity and under normal conditions of use should present no significant health hazards. However, handling precautions should be strictly observed. |
| <b>Health Rating:</b>       | 1 – slight   |
| <b>Flammability Rating:</b> | 1 – slight   |
| <b>Reactivity Rating:</b>   | 1 – slight (Incompatible with strong oxidizers)  |
| <b>Environment Rating:</b>  | 3 – none   |

### 4. FIRST-AID MEASURES

|                      |  |
|----------------------|--|
| <b>Skin Contact:</b> | Immediately wash contaminated skin with plenty of water followed by soap and water. Remove contaminated clothing and wash before re-use. If redness, itching, or a burning sensation develops, get medical attention. Seek medical attention if irritation develops or persists.   |
| <b>Eye Contact:</b>  | Rinse immediately with plenty of water until irritation subsides. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, obtain medical advice. Have eyes examined and treated by medical personnel.   |
| <b>Ingestion:</b>    | Rinse mouth with water. If swallowed, do not induce vomiting since it is important that no amount of the material should enter the lungs (aspiration). Contact physician, Poison Center or emergency clinic before inducing vomiting. Keep at rest. Do not induce vomiting or give anything by mouth to an unconscious person. Get prompt medical attention. |
| <b>Inhalation:</b>   | Remove victim from exposure. Provide fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Seek medical advice.  |

**Notice to physician:** Treat symptomatically. For the active constituent metaldehyde: Effects may be delayed. Remove metaldehyde by gastric lavage with a 2-5% sodium bicarbonate solution and activated charcoal, effective up to 12-24 hours after swallowing. The ingestion of large quantities may present anti-cholinesterase effects.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Foam, dry chemical powder, carbon dioxide, water fog. (Water run-off should be contained)

**Special firefighting procedures:** Combustible solid. On burning will emit toxic fumes. Respiratory and eye protection required for fire fighting personnel exposed to products of combustion or decomposition.

**Fire and Explosion Hazards:** Combustible solid. In common with many organic chemicals, may form flammable dust clouds in air.

**Hazardous Combustion Products:** Smoke, carbon monoxide, carbon dioxide, oxides of nitrogen, methylamine, and small amounts of methyl isocyanate.

## 6. ACCIDENTAL RELEASE MEASURES

**Spill:** Make sure all personnel involved in the spill cleanup follow good industrial hygiene practices. A small spill can be handled routinely. Use adequate ventilation and wear respirator to prevent inhalation. Wear suitable protective clothing and eye protection to prevent skin and eye contact.

**Use the following procedure:**

1. Sweep up or vacuum, with an appropriate vacuum cleaner, spilled material, being careful not to create dust, and shovel sweepings into an open drum.
2. Generously cover the contaminated areas with common, household detergent. Using a stiff brush and small amounts of water, work the detergent into the remaining spilled material forming a slurry. Brush the slurry into cracks and crevices and allow to stand for 2-3 minutes. Be careful to completely avoid skin and eye contact. Do not splatter on oneself or bystanders.
3. Spread absorbents on the slurry liquid and shovel mixture into the open drum.
4. Repeat #2 and 3 if necessary.
5. If practical, flush the area with water to a sewer serviced by a wastewater treatment facility.
6. Seal drum and dispose of contaminated waste in a landfill permitted for hazardous waste.
7. Large spills should be handled according to a spill plan. In emergency contact the manufacturer.
8. If contamination of waterways has occurred, advise emergency services.

## 7. HANDLING AND STORAGE

**Precautions to be taken  
in handling and storage:**

KEEP OUT OF REACH OF CHILDREN.  
FOLLOW LABEL DIRECTIONS CAREFULLY.  
AVOID SKIN AND EYE CONTACT.  
WASH CONTAMINATED EQUIPMENT THOROUGHLY  
AFTER HANDLING.

**Storage:**

Store the product in locked, cool, dry, well-ventilated surroundings, well away from sources of ignition. Keep away from children and away from foodstuffs, oxidizing agents and strong bases, or stock feed. Toxic to fish and wildlife.

Keep container closed when not in use. Take extreme care to avoid contamination by other products and materials.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Occupational Exposure Limit:** 5mg/m<sup>3</sup> (TWA, 8hr – workday)

**Personal Protection:** In open systems where contact is likely, wear safety goggles, chemical resistant overalls and chemically impervious gloves. Where only incidental contact is likely, wear safety glasses with side shields. No other special precautions are necessary provided skin/eye contact is avoided. When concentrations in air may exceed the occupational exposure limit and where engineering, work practices or other means of exposure reduction are not adequate, local exhaust ventilation is recommended although approved respirators may be used.

**Personal Protective Equipment:** Overalls, safety shoes, safety glasses and glove(s). Always follow good industrial hygiene practices. Wash hands before smoking, eating, drinking or using the toilet. If risk of inhalation of dust, wear suitable respirator to prevent inhalation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odour:** Green pellets with faint paraformaldehyde odor.

**Solubility in water:** Medium

**pH:** Not applicable

**Boiling point:** Unknown

**Density at 15 Deg. C:** Unknown

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Stability:</b>                        | Stable  |
| <b>Incompatibility:</b>                  | Avoid contact with strong oxidants, strong bases and concentrated oxygen. |
| <b>Hazardous Decomposition Products:</b> | Product does not decompose at ambient temperature.                        |
| <b>Conditions to Avoid:</b>              | Keep away from heat sources, open flames and other sources of ignition.   |

## 11. TOXICOLOGICAL INFORMATION

### Effects of Overexposure:

|                    |   |
|--------------------|---|
| <b>Inhalation:</b> | Avoid breathing dusts. Negligible hazard at ambient/normal handling temperatures, when using personal protective equipment. Mechanical action may form dust, which may be irritating to the eyes, nose, throat and lungs. |
| <b>Skin:</b>       | Prolonged or repeated contact may lead to skin irritation and poisoning.  |
| <b>Eye:</b>        | Irritating, and may injure eye tissue.  |
| <b>Ingestion:</b>  | Swallowing can result in nausea, abdominal pain and in severe cases of poisoning, convulsions. Minute amounts aspirated into the lungs during ingestion or vomiting may cause medical problems.                           |
| <b>Chronic:</b>    | No LD50 data available for this product. The components in the proportions present are not considered to represent a hazard under conditions of good occupational work practice.  |

For the active constituent Metaldehyde:

Oral LD50 (rat): 283mg/kg.

Dermal LD50 (rat) 2275mg/kg.

Inhalation LC(LC50): 203mg/m/4hrs.

Skin (rabbit): Non-irritant.

Eye (rabbit): Slight irritant.

**Acute Effects:**

No test data are available for this product. The potential health hazards were therefore derived from what is known of the toxicity of the ingredients in general.

## 12. ECOLOGICAL INFORMATION

In the absence of specific environmental data for this product, this assessment is based on general information.

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATION

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment wash-waters. 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.

**Disposal Method:**

This material is toxic to fish. Do not contaminate waterways by cleaning of equipment or by disposal of wastes. Untreated effluent should not be discharged where it will drain into lakes, streams or ponds.

Discarded product is a hazardous waste, but not for transport regulations.

**Container Disposal:**

Empty containers retain product residue. Observe all hazard precautions. Do not distribute, make available, furnish or re-use empty container except for storage and shipment of original product. Remove all product residue and puncture or otherwise destroy empty container before disposal.

## 14. TRANSPORT INFORMATION

Not one of the active ingredients is classified as Dangerous Goods (SABS 0304), and thus the transportation of the product will not be regulated. However, the product may at a later stage be required to be classified under Hazard Class 9 (miscellaneous goods) due to its toxicity to aquatic life.

In the absence of specific transportation data for this product, all local and national regulations regarding the National Road Transportation Act should be adhered to where and when applicable.

## 15. REGULATORY INFORMATION

**APVMA Reg. No.** 91239

**UN No.** Not regulated

**Danger Group**

**Colour Code:**

No other information available

## 16. OTHER INFORMATION

**Disclaimer:**

All information and instructions provided in this Material Safety Data Sheet is based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. No responsibility is accepted for errors or omissions or the consequences thereof. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons in receipt of this MSDS to ensure that all people who may use, handle, dispose or in any way come in contact with the product understand this information.