

MATERIAL SAFETY DATA SHEET
METAREX SNAIL AND SLUG BAIT



DE SANGOSSE

- 1 – IDENTIFICATION OF CHEMICAL PREPARATION AND COMPANY

Commercial Name: **METAREX SNAIL AND SLUG BAIT**

Active Substance: Metaldehyde

Use: Used against molluscs, slugs, snails.

Appearance: Green-coloured pellets.

Company Identification: DE SANGOSSE S.A.

Address: Bonnel – BP 5 – 47480 PONT DU CASSE
FRANCE

Phone Number: +33 553 693 630

Australian Distributor: AgNova Technologies Pty Ltd

ACN: 097 705 158

Address: Suite 3 / 935 Station Street
Box Hill North Vic 3129
AUSTRALIA

Phone Number: (03) 9899-8100

Facsimile Number: (03) 9899 8500

Website: www.agnova.com.au

Contact: Managing Director

AUSTRALIAN Emergency Telephone (24 h): + 1800 033 111

- 2 – IDENTIFICATION OF HAZARDS

Hazard Classification: **NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOOD.**

Not classified as a hazardous substance according to the criteria of NOHSC.

Not classified as a dangerous good according to the Australian Dangerous Goods Code for Rail and Road Transport, 7th Edition.

Poison Schedule: 6 (according to SUSMP)

- 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Green-coloured pellets bait containing 50 g/kg (5% w/w) Metaldehyde (CAS Number: 108-62-3; Einesc Number: 203-600-2), sole hazardous component of the product.

- 4 – FIRST AID

GENERAL INFORMATION:

- Remove the affected person from the work area. Take them to a well-ventilated place and keep warm.
- **Do not administer anything orally and never make a drowsy, comatose or convulsive person vomit.** Contact the Poisons Information Centre (Phone 13 11 26) or a doctor and follow the advice given. Show this MSDS to a doctor.

CLINICAL POISONING SYMPTOMS:

- Nervous and digestive disorder.

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- 4 – FIRST AID (continued)

EYE CONTACT:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Monitor for symptoms described above.

INHALATION:

- Harmful if inhaled. Do not inhale dust. However, inhalation is not applicable as a route of exposure under normal condition of use.

SKIN CONTACT:

- Avoid skin contact.
- Remove contaminated clothing. Launder before re-use.
- Rinse skin immediately with soap and water.
- Monitor for symptoms described above.

INGESTION:

- Harmful if swallowed.
- Wash out mouth with plenty of water.
- If swallowed, seek medical advice immediately and show the container/label/material safety data sheet.
- Do not induce vomiting unless told to do so by the Poisons Information Centre or doctor.
- Do not give anything by mouth to an unconscious person.

MEDICAL ADVICE:

- No known antidote. Apply a symptomatic treatment (pumping out of the stomach, administration of active charcoal and laxative).

- 5 – FIRE FIGHTING MEASURES

There are no unusual fire related hazards. The substance is not highly flammable, is not oxidising or explosive and does not release excess volumes of gases on heating.

EXTINGUISHING MEDIA: Use foam, dry chemical, carbon dioxide, or water spray when fighting fires involving this material. Foam or dry chemical fire extinguishing system is preferred to prevent excessive water run off.

HAZARDS FROM COMBUSTION PRODUCTS: The preparation does not readily propagate combustion. Normal products of organic combustion will be released under conditions of pyrolysis or combustion.

PROTECTIVE EQUIPMENT FOR FIREFIGHTING: Normal fire fighting protective equipment.

HAZCHEM CODE: 2X

- 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Operators must observe precautions in Handling and Storage and Exposure Controls and Personal Protection sections of this MSDS.

ENVIRONMENTAL PRECAUTIONS: Prevent spillage from entering drains and waterways.

METHODS FOR CLEANING UP: Collect spilled baits by sweeping or suction. Avoid generating dust. Seal in labelled containers for disposal at an approved local waste disposal site or for re-use. Refer to Disposal section.

After removal of spilled baits, clean contaminated area with water and detergent. Avoid entry of rinsate into drains or waterways.

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HANDLING: Harmful if swallowed. Harmful if inhaled. Do not inhale dust. No special control procedures are required. Refer to Section 8 for personal protective equipment. Wash hands after use.

STORAGE: Store in the closed original container in a dry, cool, well ventilated area, out of direct sunlight. Store in a locked room or place out of the reach of children, animals, food, feedstuff, seed and fertilisers.

- 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION**EXPOSURE STANDARDS & CONTROLS:**

No exposure limits or biological limits have been established. NOHSC has not placed metaldehyde on the Schedule for Health Surveillance.

No special engineering controls required.

PERSONAL PROTECTION:

When opening the container, preparing the product for use (loading) and if applying by hand, wear cotton overalls buttoned to neck and wrist (or equivalent clothing) and elbow-length rubber gloves and disposable dust mask. After each day's use, wash gloves and contaminated clothing.

- 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green-coloured pelleted bait

ODOUR: None

VAPOUR PRESSURE: Not applicable

VAPOUR DENSITY: Not applicable

MELTING POINT: Not applicable

WATER SOLUBILITY: Not soluble

BULK DENSITY: 0.824 g/cm³

pH: 5.86

FLASH POINT: 70⁰C at 713 mm Hg

FLAMMABILITY: Not flammable.

RESISTANCE TO HUMIDITY: This product is resistant to rain.

EXPLOSIVITY: Not explosive under normal conditions of use.

- 10 – STABILITY AND REACTIVITY

STABILITY: The product is stable under normal ambient conditions.

CONDITIONS TO AVOID: The product is not known to undergo hazardous reactions under normal handling conditions.

MATERIALS TO AVOID: The product is not known to undergo hazardous reactions in contact with other substances.

HAZARDOUS DECOMPOSITION PRODUCTS: The product is not known to produce hazardous decomposition products under normal storage conditions. Normal products of organic combustion will be released under conditions of pyrolysis or combustion.

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- 11 – TOXICOLOGICAL DATA

Information on the product at 50 g/kg (5% w/w) Metaldehyde.

Oral & dermal LD₅₀ – Rat > 2000 mg/kg bw. Not classified as toxic.

Inhalation LC₅₀ – Rat: Not applicable.

Eye & Skin Irritation – Rabbit: Not classified as irritating.

Sensitization – Guinea pig: Not classified as sensitising.

Mutagenicity – No data available

- 12 – ECOLOGICAL INFORMATION

ECOTOXICITY :

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

Keep away from animals, poultry, ducks and domestic pets as accidental poisoning may be fatal. If pets or livestock are poisoned, contact a veterinary surgeon.

Ecotoxicity Information on the Product

BIRD TOXICITY

Acute oral LD₅₀ – 1,582.90 mg/kg (*Coturnix coturnix*).

BEE TOXICITY

Acute oral LD₅₀ – 100 µg/bee.

Ecotoxicity Information on the Active Ingredient Metaldehyde

BIRD TOXICITY

Acute oral LD₅₀:
LD₅₀ – 170 mg/kg bw (*Coturnix coturnix*)
LD₅₀ – 196 mg/kg bw (*Anas platyrhynchos*)
LD₅₀ – 451 mg/kg bw (*Perdix perdix*)

AQUATIC ACUTE TOXICITY

LC₅₀ – Fish (96 h.): 75 mg/L (*Oncorhynchus mykiss*); > 100 mg/l (*Carpio*).

EC₅₀ – Algae (96 h.): 76 mg/L (*Scenedesmus*)

EC₅₀ – Daphnia magna (48 h.): > 90 mg/L

- 13 – DISPOSAL CONSIDERATIONS

Dispose of packaging carefully. Shake container empty into application equipment. DO NOT dispose of unused product on site. Break, crush, puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose, clear of waterways desirable vegetation and tree roots. Empty containers and products should not be burnt.

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- 14 – TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Dangerous Goods Code for Rail and Road Transport, 7th Edition. Thus, no UN No. or DG Class allocated.

Not a marine pollutant.

HAZCHEM CODE: 2X

- 15 – REGULATORY INFORMATION

APVMA: Registered according to the Agricultural and Veterinary Chemicals Act 1994.
APVMA Product Number: 58910

SUSMP: Schedule 6

Respect the instructions for use to avoid risk for man and environment.

This preparation contains metaldehyde (CAS Number 108-62-3; Einecs Number: 203-600-2) which is present at a concentration of 50 g/kg (5% w/w).

- 16 – OTHER INFORMATION

Version Number: 10

Date of Issue: 2 July 2012

Supersedes Version Number: 9

Details of changes since last issue: Update Australian distributor contact details.

APVMA – Australian Pesticides and Veterinary Medicines Authority

NOHSC – National Occupational Health and Safety Commission

SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons

Metarex is the registered trademark of De Sangosse S.A., France

Information contained in this Material Safety Data Sheet is based on our present knowledge of the product and concern a product description in conformity with Health, Safety and Environmental regulations.

Our local licensee, liable for the local distribution of the product, will ensure that this safety data sheet conforms to the local regulations.

This information should be used as a guide and does not imply any warranty concerning the specific properties of the product and the specific local needs.