

<b>SAFETY DATA SHEET</b>  <b>METAREX SNAIL AND SLUG BAIT</b>
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## 1 – IDENTIFICATION

### **1.1 - Product identifier**

METAREX SNAIL AND SLUG BAIT

### **1.2 - Other means of identification**

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### **1.3 - Recommended use of the chemical and restrictions on use**

Molluscicide - Bait used for the control of snails and slugs.

### **1.4 - Details of manufacturer or importer**

- **Manufacturer:**

DE SANGOSSE S.A.S.

Bonnel – CS10005 - 47480 Pont Du Casse (France)

☎: +33 5 53 69 36 30 - Fax: + 33 5 53 66 30 65

Department in charge of information: Regulatory Department

☎: +33 5 53 69 36 30 - E-Mail: [fds@desangosse.com](mailto:fds@desangosse.com)

- **Importer:**

AgNova Technologies Pty Ltd

Unit 4, 482 Kingsford Smith Drive

Hamilton, Qld 4007 Australia

☎: (03) 9899-8100 – Fax: (03) 9899 8500

E-Mail: [info@agnova.com.au](mailto:info@agnova.com.au)

### **1.5 - Emergency phone number**

Australian emergency number: 1800 033 111

## 2 – HAZARD(S) IDENTIFICATION

### **2.1 - Classification of the hazardous chemical**

**In accordance with GHS Classification:** Not classified

**Pictogram:** No pictogram

**Hazard statement:** No hazard statement

Precautionary statements: Keep out of reach of children. Keep away from animals, poultry, ducks and domestic pets as accidental poisoning may be fatal. Harmful if swallowed. Harmful if inhaled. Do not inhale dust. Wash hands after use. Read safety directions before opening or using.

**Hazard Designation:** Based on available information, not classified as hazardous according to the criteria of Safe Work Australia

**ADG Classification:** Based on available information, not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, 7<sup>th</sup> Edition

**SUSMP Classification:** Schedule 6

## 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

### **3.1 - Mixtures**

This mixture contains 5% (50 g/kg) of Metaldehyde (CAS No.: 108-62-3). The rest of the ingredients are non-hazardous.

## 4 – FIRST AID MEASURES

### 4.1 - Description of necessary first aid measures

#### **GENERAL INFORMATION:**

- Remove the affected person from the work area. Take them to a well-ventilated place and protect them from hypothermia.
- **Do not administer anything orally and never make a drowsy, comatose or convulsive person vomit.** Contact the Poisons Information Centre (ph 13 11 26) or a physician. Consult a physician and show them the packaging or label.

#### **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 below.

#### **INHALATION:**

- The mixture is a non-dusty pellet. Inhalation is not applicable as a route of exposure in normal condition of use.

#### **SKIN CONTACT:**

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

#### **INGESTION:**

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

### 4.2 - Symptoms caused by exposure

Clinical symptoms: Nervous and digestive disorder.

### 4.3 - Medical attention and special treatment

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

## 5 – FIREFIGHTING MEASURES

### 5.1 Suitable extinguishing equipment

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.

### 5.2 - Specific hazards arising from the chemical

The mixture does not readily propagate combustion. Normal products of organic combustion will be released under conditions of pyrolysis or combustion.

### 5.3 – Special protective equipment and precautions for firefighters

Firefighters should wear full protective clothing and self-contained breathing apparatus.

## 6 – ACCIDENTAL RELEASE MEASURES

### 6.1 - Personal precautions, protective equipment and emergency procedures

Operators must observe precautions in handling, storage and exposure controls sections of this safety data sheet.

### 6.2 - Environmental precautions

Prevent spillage from entering drains and waterways.

### 6.3 - Methods and materials for containment and cleaning up

Collect spilled baits with tools (shovel, broom for example) while respecting the above-mentioned instructions for use. Retrieve the product by sweeping or suction. Place in a labelled receptacle (drum) and incinerate according to legislation or recycle. After removal, clean contaminated area with water and detergent. Avoid the entry of washings into drains or waterways.

## 7 – HANDLING AND STORAGE

### **7.1 - Precautions for safe handling**

Harmful if swallowed. Harmful if inhaled. Do not inhale dust. Refer to section 8 for personal protective equipment. Wash hands after use.

### **7.2 - Conditions for safe storage, including any incompatibilities**

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 AND PERSONAL PROTECTION

### **8.1 – Exposure control measures**

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

### **8.2 – Biological monitoring**

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

### **8.3 – Control banding**

No information available

### **8.4 - Engineering controls**

No information available

### **8.5 – Individual protection measures, for example personal protective equipment (PPE)**

#### **EYE AND FACE PROTECTION:**

None specified

#### **SKIN PROTECTION:**

Wear cotton overalls buttoned to neck and wrist (or equivalent clothing) and elbow-length rubber gloves.

#### **RESPIRATORY PROTECTION:**

Wear a disposable dust mask

#### **THERMAL HAZARDS:**

None specified

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

### **9.1 - Information on basic physical and chemical properties**

**PHYSICAL STATE:** Pellets

**COLOUR:** Green

**ODOUR:** Cereals

**MELTING POINT:** No data available.

**DECOMPOSITION TEMPERATURE:** No data available

**FLAMMABILITY:** The preparation is not flammable.

**AUTO-IGNITION TEMPERATURE:** The preparation is not flammable.

**OXIDISING PROPERTIES:** Not oxidising

**EXPLOSIVITY:** Does not have explosive potential

**VAPOUR PRESSURE:** No data available

**HENRY'S LAW CONSTANT:** No data available

**pH:** 5.86

**WATER SOLUBILITY:** Not miscible

**OCTANOL/WATER PARTITION COEFFICIENT (log P<sub>ow</sub>):** No data available

## 10 – STABILITY AND REACTIVITY

### **10.1 - Reactivity**

The mixture is not known to undergo hazardous reactions under normal handling conditions.

### **10.2 - Chemical stability**

The mixture is stable under normal ambient conditions.

### **10.3 - Possibility of hazardous reactions**

The mixture is not known to undergo hazardous reactions under normal handling conditions.

### **10.4 - Conditions to avoid**

The mixture is not known to undergo hazardous reactions in contact with other substances.

### **10.5 - Incompatible materials**

The mixture is not known to undergo hazardous reactions under normal handling conditions.

### **10.6 - Hazardous decomposition products**

The mixture 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.

## **11 – TOXICOLOGICAL INFORMATION**

### **11.1 - Information on toxicological effects**

#### **ACUTE TOXICITY**

##### **Toxicological information for a mixture containing 5% w/w Metaldehyde**

LD<sub>50</sub> oral: Rat: > 2000 mg/kg

LD<sub>50</sub>-dermal: Rat: > 2000 mg/kg

LC<sub>50</sub> inhalation: No data available

#### **CHRONIC TOXICITY**

No data available for the mixture.

##### **Information on Metaldehyde active substance:**

NOEL (21 days) – Rabbit: 1000 mg/kg

NOEL (90 days) – Rat: 21 mg/kg

NOEL (104 weeks) – Rat: 2 mg/kg

#### **SKIN CORROSION/IRRITATION**

Skin irritation: Rabbit: Not a skin irritant

#### **SERIOUS EYE DAMAGE/IRRITATION**

Eye irritation: Rabbit: Not an eye irritant

#### **RESPIRATORY OR SKIN SENSITISATION**

Sensitisation: Mouse: Not a skin sensitiser

#### **GERM CELL MUTAGENICITY**

No data available for the mixture.

**Information on Metaldehyde active substance:** No evidence of mutagenic activity.

#### **CARCINOGENICITY**

No data available for the mixture.

**Information on Metaldehyde active substance:** Not carcinogenic.

#### **REPRODUCTIVE TOXICITY**

No data available for the mixture.

**Information on Metaldehyde active substance:** No effect on reproduction.

#### **SPECIFIC TARGET ORGAN TOXICITY (STOT) – SINGLE EXPOSURE**

No data available for the mixture.

#### **SPECIFIC TARGET ORGAN TOXICITY (STOT) – REPEATED EXPOSURE**

No data available for the mixture.

#### **ASPIRATION HAZARD**

No data available for the mixture.

### **11.2 - Information on possible routes of exposure**

No data available for the mixture.

### **11.3 – Early onset symptoms related to exposure**

No data available for the mixture.

#### **11.4 – Delayed health effects from exposure**

Clinical symptoms: Nervous and digestive disorder.

#### **11.5 – Exposure levels and health effects**

No data available for the mixture.

#### **11.6 – Interactive effects**

No data available for the mixture.

## **12 – ECOLOGICAL INFORMATION**

### **12.1 – Ecotoxicity**

#### **AQUATIC ACUTE TOXICITY**

##### ***Ecological information on the active substance Metaldehyde***

LC<sub>50</sub> – Fish (96 h.): 75 mg/L (*Oncorhynchus mykiss*); > 100 mg/L (*Cyprinus carpio*)

EC<sub>50</sub> – Algae (72 h.): >200 mg/L (*Desmodesmus subspicatus*)

EC<sub>50</sub> – Daphnia (48 h.): > 90 mg/L (*Daphnia magna*)

#### **INSECT TOXICITY**

Acute oral LD<sub>50</sub>: > 87.5 µg a.i./bee

Acute contact LD<sub>50</sub>: >113 µg a.i./bee

#### **BIRD TOXICITY**

##### ***Ecological information on the active substance Metaldehyde***

Acute oral LD<sub>50</sub>: LD<sub>50</sub> – 170 mg/kg, bw – Japanese quail (*Coturnix coturnix*)

LD<sub>50</sub> – 196 mg/kg, bw – Mallard duck (*Anas platyrhynchos*)

LD<sub>50</sub> – 262 mg/kg, bw – Pheasant (*Phasianus colchicus*)

##### ***Ecological information on a mixture containing 5% metaldehyde.***

Acute oral LD<sub>50</sub>: LD<sub>50</sub> – 1,582.90 mg/kg (*Coturnix japonica*)

### **12.2 – Persistence and degradability**

No data available for the mixture.

Data on Metaldehyde active substance: Not readily biodegradable.

### **12.3 – Bioaccumulative potential**

No data available for the mixture.

### **12.4 – Mobility in soil**

No data available for the mixture.

### **12.5 – Other adverse effects**

No data available

## **13 – DISPOSAL CONSIDERATIONS**

### **13.1 – Disposal methods**

Dispose of packaging carefully. Shake container empty into application equipment. DO NOT dispose of unused product on site. Puncture or shred empty containers and deliver empty packaging to an approved waste management facility. Do not burn empty containers or product.

## **14 – TRANSPORT INFORMATION**

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

IMDG Code: Not classified as dangerous goods

IATA Code: Not classified as dangerous goods

### **14.1 – UN Number**

This product is not classified as dangerous goods according to Australian regulations.

**14.2 - Proper shipping name or technical name**

This product is not classified as dangerous goods according to Australian regulations.

**14.3 - Transport hazard class**

This product is not classified as dangerous goods according to Australian regulations.

**14.4 - Packing group number**

This product is not classified as dangerous goods according to Australian regulations.

**14.5 - Environmental hazards for transport purposes**

This product is not classified as dangerous goods according to Australian regulations. Not a marine pollutant. See section 6, 7 and 8 of this safety data sheet.

**14.6 - Special precautions for user**

See section 8 for personal protective equipment.

**14.7 - Additional information**

No additional information.

**14.8 - Hazchem or emergency action code**

2X

**15 – REGULATORY INFORMATION**

**15.1 - Safety, health and environmental regulations**

National regulations:

**APVMA:** Registered according to the Agricultural and Veterinary Chemicals Act 1994.

**APVMA Product Number:** 58910

**SUSMP classification:** Poison Schedule: 6

Respect the instructions for use to avoid risk for human health and environment.

**16 – ANY OTHER RELEVANT INFORMATION**

**Date of preparation of the latest revision**

19 May 2021

**Revisions**

Minor formatting changes in all sections to comply with the Safe Work Australia Preparation of Safety Data Sheets for Hazardous Chemical Code of Practice July 2020.

**Abbreviations**

ADG: Australian Dangerous Goods Code

APVMA: Australian Pesticides and Veterinary Medicines Authority

EC<sub>50</sub>: Effective concentration 50%

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

LC<sub>50</sub>: Lethal concentration 50%

LD<sub>50</sub>: Lethal dose 50%

NOEL: No observable level effect

NOHSC: National Occupational Health and Safety Commission

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons

*Information noted in this safety data sheet is based on our present technical and scientific knowledge of the product at this date.*

*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.*

*Recipients of this SDS must ensure that the information it contains has been properly read and understood by all who use, handle, dispose of or in contact with the product.*

*Our local licensee, liable for the local distribution of the product, will adapt this safety data sheet to the local regulation.*