



Member of the PLENNEGY GROUP

SNAIL BAIT

Version: 1.0

Version date: 18/07/2023

Language: EN

According to the Globally Harmonised System of Classification and Labelling of Chemicals, version 9

Safety Data Sheet

section

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name/designation : SNAIL BAIT (Ready to use Bait)

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

Relevant identified uses : Insecticide. (Molluscicide)

Uses advised against : No data available.

1.3 Details of the supplier of the safety data sheet

Supplier : **Name:** Kombat (Pty) Ltd
Street: 39 Dr Gordon Street
Postal code/City: Greytown, 3250
Country: South Africa.
Telephone: +27 (0) 33 417 1906/7
Email: admin@kombat.co.za

1.4 Emergency Telephone Number

ZA: **Emergency Tel:** +27 82 446 8946
POISON CENTER: +27 861 555 777

2 Hazards identification

2.1 Classification of the substance or mixture

Hazards identification:

| | | |
|-------|------------------|----------------------------------|
| H228 | Flam Solid 2. | Flammable Solid. |
| H351 | Carc. 2 | Suspected of causing cancer. |
| H361f | Repr.2 | Suspected of damaging fertility. |
| H400 | Aquatic Acute 1. | Very toxic to aquatic life. |

2.2 Label elements

Labelling

Hazard pictograms



Signal word

WARNING

Hazard Statements

| | |
|-------|----------------------------------|
| H228 | Flammable Solid. |
| H351 | Suspected of causing cancer. |
| H361f | Suspected of damaging fertility. |
| H400 | Very toxic to aquatic life. |

Precautionary Statements - Prevention

| | |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

Precautionary Statements - Response

| | |
|-----------|--|
| P370+P378 | In case of fire: Use Foam, Extinguishing powder, Carbon dioxide (CO2), Sand to extinguish. |
| P391 | Collect spillage. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |

Precautionary Statements - Disposal

| | |
|------|--|
| P501 | Dispose of contents/container to local and national regulations. |
|------|--|

2.3 Other hazards

Not applicable.

section 3 Composition/information on ingredients

3.1 Mixtures

| Substance | | Concentration (%) | Specific concentration limits | Classification |
|--|-----------|-------------------|-------------------------------|---|
| 2,4,6,8-TETRAMETHYL-1,3,5,7-TETRAOXACYCLOOCTANE (METALDEHYDE) | | | | |
| CAS N° | 108-62-3 | C ≤ 3.0 % | | Flam. Sol. 2 H228 Flammable Solid. Acute Tox. 3 ORAL H301 Toxic if swallowed. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects. Repr. 2 H361f Suspected of damaging fertility. |
| EC N° | 203-600-2 | | | |
| | | | | |
| 1-Naphthyl methylcarbamate (Carbaryl) | | | | |
| CAS N° | 63-25-2 | C ≤ 2.0 % | | Acute Tox. 4 ORAL H302 Harmful if swallowed. Acute Tox. 4 INHALATION H332 Harmful if inhaled. Carc. 2 H351 Suspected of causing cancer. Aquatic Acute 1. H400 Very toxic to aquatic life. |
| EC N° | 200-555-0 | | | |
| | | | | |

3.2 Remark

Full text of H- phrases: see section 16.

section 4 First aid measures

4.1 Description of first aid measures

General information:

When in doubt or if symptoms are observed, get medical advice. Call a POISON CENTER/doctor if you feel unwell.

Following inhalation:

No special measures are necessary.

Provide fresh air.

Following skin contact:

Wash with soap and water.

Following eye contact:

In case of eye irritation consult an ophthalmologist.

Rinse immediately carefully and thoroughly with eye-bath or water.

Following ingestion:

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting. Seek medical attention.

Self-protection of the first aider:

No special measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor:
Treat symptomatically.

section 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Foam.
Extinguishing powder.
Carbon dioxide (CO₂).
Sand.

Unsuitable extinguishing media:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Do not inhale vapors and fumes.
Co-ordinate fire-fighting measures to the fire surroundings.
Move undamaged containers from immediate hazard area if it can be done safely.
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.
Use water spray jet to protect personnel and to cool endangered containers.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2 Environmental precautions

Ensure that waste is collected and contained.
Contain leaks or spills within cabinets with removable trays.

6.3 Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.
Collect in closed and suitable containers for disposal.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Wipe up with absorbent material (eg. cloth, fleece).

6.4 Reference to other sections

Safe handling: see section 7.
Disposal: see section 13.
Personal protection equipment: see section 8.

6.5 Additional information

Not available

section 7 Handling and Storage

7.1 Precautions for safe handling

PROTECTIVE MEASURES:

No special measures are necessary.

Advices on general occupational hygiene:

Wash hands before breaks and after work.
Remove contaminated, saturated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.
Keep container in upright position in order to prevent leakage.

Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

section 8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits:

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values:

Not available

Exposure limits at intended use:

Not available

8.2 Exposure controls

Appropriate engineering controls:

See section 7. No additional measures necessary.



Personal protection equipment:

- | | | |
|------------------------|---|--|
| Eye/face protection | : | Suitable eye protection: Wear eye protection equipment. |
| Skin protection | : | Hand protection: Suitable gloves type: Wear protective gloves. Body protection: Suitable protective clothing: Lab coat. |
| Respiratory protection | : | Suitable respiratory protection apparatus: No data available. |

Environmental exposure controls:

No special measures are necessary.

section 9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

- | | | |
|--|---|--|
| Physical state | : | Granules |
| Colour | : | Blue/Greenish |
| Odour | : | Formaldehyde and Grainy |
| Odour threshold | : | Not applicable. |
| pH | : | Not applicable. |
| Melting/Freezing point | : | Not applicable. |
| Boiling point | : | Not applicable. |
| Flash point | : | Not applicable. |
| Evaporation rate | : | Not applicable. |
| Flammability | : | Flammable solid. Store in a cool place. |
| Lower limit of flammability or explosive | : | Not available. |
| Vapour pressure | : | Not available. |
| Vapour density | : | Not available. |
| Relative density | : | Not available. |
| Water solubility | : | Insoluble. |
| Partition coefficient, n-octanol/water (log Pow) | : | Not applicable. |
| Auto-inflammability temperature | : | Not applicable. |
| Decomposition temperature | : | Stable under normal, dry storage conditions. Excessive heat > 60 Degrees Celsius could lead to the breakdown of metaldehyde. |
| Viscosity | : | Not applicable. |
| Explosive properties | : | Not applicable. |
| Oxidising properties | : | Not applicable. |
| Solubility in other Solvents | : | Not available. |
| Log Kow | : | Not applicable. |

section **10** Stability and Reactivity

10.1 Reactivity

Stable up to 2 years under normal storage conditions. The rate of decomposition increases at higher temperatures. Metaldehyde is stable to light but unstable to soil organisms.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures. Stable up to 2 years under normal storage conditions. The rate of decomposition increases at higher temperatures. Metaldehyde is stable to light but unstable to soil organisms.

10.3 Possibility of hazardous reactions

Toxic oxides of Carbon and nitrogen and formic acid are released when the product decomposes on heating.

10.4 Conditions to avoid

High Temperatures.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Toxic oxides of Carbon and nitrogen and formic acid are released when the product decomposes on heating.

10.7 Additional information

Not available.

section **11** Toxicological information

11.1 Acute oral toxicity

Mixture:

The product is not classified.

11.2 Acute dermal toxicity

Mixture:

The product is not classified.

11.3 Acute inhalation toxicity

Mixture:

The product is not classified.

11.4 Skin corrosion/irritation

Mixture:

The product is not classified.

11.5 Serious eye damage/irritation

Mixture:

The product is not classified.

11.6 Skin sensitisation

Mixture:

The product is not classified.

11.7 Specific target organ toxicity (repeated exposure)

Mixture:

The product is not classified.

11.8 Specific target organ toxicity (single exposure)

Mixture:

The product is not classified.

11.9 Carcinogenicity

Mixture:

The product is classified as Carc.2 – H351 – Suspected of causing cancer.

11.10 Reproductive toxicity

Mixture:

The product is classified as Repr. 2- H361f – Suspected of damaging fertility.

11.11 Germ cell mutagenicity

Mixture:

The product is not classified.

11.12 Sensitisation to the respiratory tract

Mixture:

The product is not classified.

11.13 Additional information



SNAIL BAIT

Not available

section 12 Ecological information

12.1 Toxicity

Mixture:

Based on available data the mixture is very toxic to aquatic life.

12.2 Persistence and degradability

Mixture:

The product has not been tested.

12.3 Bioaccumulative potential

Mixture:

The product has not been tested.

12.4 Mobility in soil

Mixture:

The product has not been tested.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Additional ecotoxicological information

Not available.

section 13 Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal:

Waste treatment options:

Appropriate disposal/Product:

Dispose of waste according to applicable legislation.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.





Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.
Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

section 14 Transport information

| | | Land transport (ADR/RID): | Inland waterway transport (ADN): | Sea transport (IMDG): | Air transport (ICAO-TI/IATA- DGR): |
|-------------|-----------------------------|---|--|---|---|
| 14.1 | UN number: | 2757 | 2757 | 2757 | 2757 |
| 14.2 | UN proper shipping name: | (Carbaryl 20g/kg & Metaldehyde 30g/kg) Pesticides, solid, toxic. | (Carbaryl 20g/kg & Metaldehyde 30g/kg) Pesticides, solid, toxic. | (Carbaryl 20g/kg & Metaldehyde 30g/kg) Pesticides, solid, toxic. | (Carbaryl 20g/kg & Metaldehyde 30g/kg) Pesticides, solid, toxic. |
| 14.3 | Transport hazard class(es): | | | | |
| | Class or Division: | 6.1 | 6.1 | 6.1 | 6.1 |
| | Hazard label(s): |  |  |  |  |
| 14.4 | Packing group: | III | III | III | III |

14.5 Environmental hazards

Symbol "fish & tree"



14.6 Special precautions for user

N/A

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

N/A

section 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with GHS regulation.

15.2 Chemical Safety Assessment

Not available

section 16 Other information

16.1 Indication of changes

Not applicable (first edition of the MSDS).

16.2 Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

GHS: Globally Harmonised System of Classification and Labeling of Chemicals.

16.3 Key literature references and sources for data

No data available.

16.4 The classification of the mixture is in accordance with the evaluation method described in HazCom 2012

The classification of the mixture is in accordance with the evaluation method described in the GHS.

16.5 The classification of the mixture is in accordance with the evaluation method described in the GHS

| | | |
|-------|-----------------|----------------------------------|
| H228 | Flam Solid 2. | Flammable Solid. |
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| H400 | Aquatic Acute 1 | Very Toxic to aquatic life. |

16.6 Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet



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16.7 Additional information

Creation date: 18/07/2023
Version date: 18/07/2023
Printing date: 18/07/2023
Revision date: 18/07/2026

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The information given in this Safety Data Sheet is based on our present knowledge and on GHS guidelines rev 9. and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.