Member of the PLENNEGY GROUP

SNAILS

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 : SNAILS (Granulated 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

section 2 Hazards identification

2.1 Classification of the substance or mixture

Hazards identification:

H228	Flam Solid 2.	Flammable Solid.
H361f	Repr. 2	Suspected of damaging fertility.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling
Hazard pictograms

Signal word WARNING

Hazard Statements

H228	Flammable Solid
H361f	Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements - Prevention

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.

Precautionary Statements - Response

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≤ 1.5 %		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			

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 (CO_2).
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**: Wear a protective dust mask.

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 or Pellets
Colour	:	Blue
Odour	:	None
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	:	Not applicable.
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

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

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

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 not classified.

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

Not available

section 12 Ecological information

12.1 Toxicity

Mixture:
Based on available data the mixture is harmful to aquatic life with long lasting effects.

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:	1332	1332	1332	1332
14.2	UN proper shipping name:	Snail Bait containing (Metaldehyde)	Snail Bait containing (Metaldehyde)	Snail Bait containing (Metaldehyde)	Snail Bait containing (Metaldehyde)
14.3	Transport hazard class(es):				
	Class or Division:	4.1 (Flammable solids)	4.1 (Flammable solids)	4.1 (Flammable Solids)	4.1 (Flammable solids)
	Hazard label(s):				
14.4	Packing group:	III	III	III	III

14.5 Environmental hazards

N/A

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.
H361f	Repr. 2	Suspected of damaging fertilility.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

16.6 Training advice

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

16.7 Additional information

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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.