



Member of the PLENNEGY GROUP

KOMBAT SWAT

Version: 1.0

Version date: 04/05/2023

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 : KOMBAT SWAT.

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

Relevant identified uses : Insecticide.
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:

H410 Aquatic Chronic 1 Very Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling

Hazard pictograms



Signal word

WARNING

Hazard Statements

H410 Very Toxic 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

- P314 Get medical advice/attention if you feel unwell.
- 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.

Contains

α -cypermethrin, 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, Propane-1,2-diol

2.3 Other hazards

Not available

section **3** **Composition/information on ingredients**

3.1 Mixtures

No data available.

Substance		Concentration (%)	Specific concentration limits	Classification
α-cypermethrin (Alpha Cypermethrin)				
CAS N°	67375-30-8	C ≤ 5.83%		H301 Toxic if swallowed.
EC N°	257-842-9			H335 May cause respiratory irritation
IDX N°	607-422-00-X			H373 May cause damage to organs through prolonged or repeated exposure
				H400 Very toxic to aquatic life.
				H410 Very toxic to aquatic life with long lasting effects.
1,2-Benzisothiazol-3(2H)-one				
CAS N°	2634-33-5	C ≤ 0,05 %		H302 Harmful if swallowed
EC N°	220-120-9			H317 May cause an allergic skin reaction.
IDX N°				H319 Causes serious Eye Dam./Irritation
				H400 Very toxic to aquatic life.
Propane-1,2-diol				
CAS N°	57-55-6	C ≤ 20%		Not classified.
EC N°	200-338-0			
IDX N°				

[1] Substance for which maximum workplace exposure limits are available.

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:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Do not leave affected person unattended.

Remove victim out of the danger area.

Keep affected person warm, still and covered.

Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

Following skin contact:

Wash with soap and water.

Change contaminated, saturated clothing.

Following eye contact:

In case of eye irritation consult an ophthalmologist.
Rinse immediately carefully and thoroughly with eye-bath or water.

Following ingestion:

Never give anything by mouth to an unconscious person or a person with cramps.
IF SWALLOWED: Rinse mouth.
Do NOT induce vomiting.
If swallowed: Call a POISON CENTER or physician if you feel unwell.

Self-protection of the first aider:

First aider: Pay attention to self-protection!.

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.
Remove persons to safety.
Use appropriate respiratory protection.
Provide adequate ventilation.

6.2 Environmental precautions

Ensure that waste is collected and contained.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Avoid release to the environment.
Cover drains.
Ensure all waste water is collected and treated via a waste water treatment plant.
Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
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.
Clean contaminated objects and areas thoroughly observing environmental regulations.
Collect spillage.
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:

Avoid contact with skin, eyes and clothes.

Do not eat, drink or smoke when using this product.

Sewers and ducts must be protected against the entry of the product.

Provide for retaining containers, eg. floor pan without outflow.

Use only in well-ventilated areas.

If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.

Provide adequate ventilation as well as local exhaust at critical locations.

Vapours/aerosols should be exhausted directly at the point of origin.

Advices on general occupational hygiene:

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

Work in well ventilated zones or use proper respiratory protection.

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.

Requirements for storage rooms and vessels:

Use isolated drainage to prevent discharge to soil.

Ensure adequate ventilation of the storage area.

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:

Substance	Value	Unit	Type
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No data available

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

Personal protection equipment:



Eye/face protection

: **Suitable eye protection:**
Eye-glasses/protection.

Skin protection

: **Hand protection:**
Suitable gloves type:
Gloves.

Respiratory protection

: **Body protection:**
Suitable protective clothing:
Lab coat.

: **Respiratory protection necessary at:**
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

: **Suitable respiratory protection apparatus:**
Wear respiratory protection.

Remark:

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Observe the wear time limits as specified by the manufacturer.

Environmental exposure controls:

Not available

section 9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid (suspension concentrate)
Colour	: White
Odour	: Faintly aromatic
Odour threshold	: Not available
pH	: approx. 6 – 8 (water, 1 %(m), 20 °C)
Melting/Freezing point	: Not available
Boiling point	: approx. 100 °C (Information applies to the solvent.)
Flash point	: > 100 °C Non-flammable
Evaporation rate	: Not available
Flammability	: Non-flammable
Lower limit of flammability or explosive	: N/A
Vapour pressure	: N/A
Vapour density	: N/A
Relative density	: approx. 1.03 g/cm ³ (20 °C)
Water solubility	: Disperses in water
Partition coefficient, n-octanol/water (log Pow)	: Not available
Auto-inflammability temperature	: Not available

Decomposition temperature	:	Not available
Viscosity	:	28 mPa.s (20 °C)
Explosive properties	:	N/A
Oxidising properties	:	Not available
Solubility in other Solvents	:	Not available
Log Kow	:	Not available

section **10** Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures. The substance/product is non-combustible. Product is not explosive.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. The substance/product is non-combustible. Product is not explosive.

10.4 Conditions to avoid

Substances to avoid: strong bases, strong acids, strong oxidizing agents.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses. The substance/product is non-combustible. Product is not explosive.

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 and has not been tested.

11.8 Specific target organ toxicity (single exposure)

Mixture:

The product is not classified and has not been tested.

11.9 Carcinogenicity

Mixture:

The product is not classified.

11.10 Reproductive toxicity

Mixture:

The product is not classified.

11.11 Germ cell mutagenicity

Mixture:

The product is not classified.

11.12 Sensitisation to the respiratory tract

Mixture:

The product not classified.

11.13 Additional information

Not available

section 12 Ecological information

12.1 Toxicity

Mixture:

Very Toxic 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:

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

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.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

Collect the waste separately.





Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

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	3082	3082	3082	3082
14.2	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS
14.3	Transport hazard class(es)				
	Class or Division	9	9	9	9
	Hazard label(s)				
14.4	Packing group	III	III	III	III

14.5 Environmental hazards

“Fish and Tree” Symbol



14.6 Special precautions for user

Not available.

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

Not available.

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

H410 Aquatic Chronic 1 Very toxic 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, 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.