Member of the PLENNEGY GROUP

ANT DUST

Version: 1.0
Version date: 12/09/2023
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 : ANT DUST.

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

Relevant identified uses : Insecticide – Dustable Powder.
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: **Griffon Poison Information Centre:** +27 82 446 8946

section 2 Hazards identification

2.1 Classification of the substance or mixture

Hazards identification: The mixture is classified as:

H317	Skin Sens 1.	May cause an allergic skin reaction
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

H317	May cause an allergic skin reaction
H410	Very toxic to aquatic life with long lasting effects

Precautionary Statements

P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release into the environment.
P280	Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
P308+313	If exposed or concerned: Get medical attention.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to suitable landfill in accordance with local regulations.

2.3 Other hazards

None.

section 3 Composition/information on ingredients

3.1 Mixtures

Substance		Concentration (%)	Specific concentration limits	Classification
MALATHION TECH (MERCAPTOTHION (ORGANOPHOSPHATE))				
CAS N°	121-75-5	C≤ 1 %		H302 - Acute oral tox. 4 H317 - Skin sens. 1 H400 - Aquatic acute 1 H410 - Aquatic chronic 1
PERMETHRIN TECH (Pyrethroid)				
CAS N°	52645-53-1	C≤ 0.15 %		H302 - Acute oral tox. 4 ; H317 - Skin sens. 1 ; H400 - Aquatic acute 1 ; H410 - Aquatic chronic 1

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:
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor.
Following skin contact: IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell.
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. IF SWALLOWED: Immediately call a POISON CENTER/doctor.
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. Administer Atropine sulphate, intravenously (1 to 4 mg) every 5 to 10 minutes until signs of atropinization, (dry flushed skin and tachycardia); 2-PAM 50 mg/kg up to total dose of 1 to 2 g or two thirds of this dose of Protopam. Repeat oximes if necessary. Do not give morphine. SEEK MEDICAL ADVICE PROMPTLY AND SHOW THIS MSDS TO A MEDICAL PRACTITIONER.

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

Gives off irritating or toxic fumes (or gases) in a fire, including phosphorous oxides and sulphur oxides.

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 (e.g., 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 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	:	Free flowing powder.
Colour	:	Pale, off-white to grey
Odour	:	Mercaptan odour.
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	:	Not applicable.
Lower limit of flammability or explosive	:	Not available.
Vapour pressure	:	5.3 mPa at 30 Degrees Celsius (for malathion technical)
Vapour density	:	Not available.
Relative density	:	Not available.
Water solubility	:	Not soluble.
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

The product is stable when stored at normal ambient temperatures.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of hazardous reactions

The product is stable when stored at normal ambient temperatures. Combustion may produce carbon oxides, phosphorous oxides and sulphur oxides.

10.4 Conditions to avoid

Store in a cool, dry storage.

10.5 Incompatible materials

Mixing with strongly alkaline or acidic substances should be avoided. (Materials to avoid): May attack iron and some other metal as well as some plastics and rubbers.

10.6 Hazardous decomposition products

The product is stable when stored at normal ambient temperatures. Hazardous decomposition products: Emits acrid smoke and fumes when heated to decomposition including oxides of nitrogen and carbon monoxide.

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 classified as Skin Sens 1. – H317 – May cause an allergic skin reaction.

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 not classified.

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

None.

section 12 Ecological information

12.1 Toxicity

Mixture: The mixture is classified as Aquatic Acute 1 H 400 – Very Toxic to aquatic life. And Aquatic Chronic 1 H410 – Very toxic to aquatic life with long lasting effects. Toxic to bees.

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

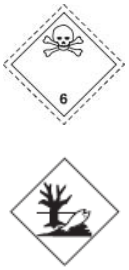
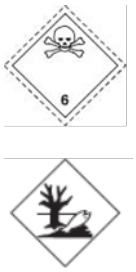
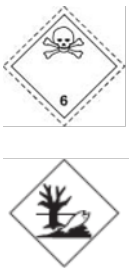
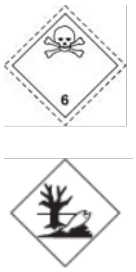
13.1 Waste treatment methods

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:	2783	2783	2783	2783
14.2	UN proper shipping name:	Organophosphorus pesticides, solid, toxic	Organophosphorus pesticides, solid, toxic	Organophosphorus pesticides, solid, toxic	Organophosphorus 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

Not applicable.

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 Labelling 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

H317	Skin Sens 1.	May cause an allergic skin reaction
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

Creation date: 13/09/2023
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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.