



KAPI LIMITED

MANUFACTURERS & DISTRIBUTORS



P.O. BOX 252-20100, NAKURU
KENYA. KUFANYA ROAD



0726 114 140
0737 127 853



info@kapiltd.co.ke
office@kapiltd.co.ke

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

| | |
|--------------|--|
| Product name | Flower Home & Garden Dudu Spray |
| Product type | Pyrethrin based mosquito spray |
| Use | Repelling and killing of mosquitoes, ants, houseflies etc. |
| Manufacturer | Kapi Limited |

2. COMPOSITION/INFORMATION ON INGREDIENTS

| NAME OF INGREDIENT | FUNCTION | CONCENTRATION | CAS NUMBER |
|---|----------------------|---------------|------------|
| Pyrethrins (Pyrethrins I) (Pyrethrins II) | Active ingredient | 0.1% | 8003-34-7 |

3. HAZARD IDENTIFICATION

| | |
|---------------------------|--|
| Human health hazards: | Skin contact may cause allergic dermatitis and if swallowed it may cause lung damage |
| Safety hazards: | Non-flammable |
| Environmental hazards: | ENVIRONMENTALLY HAZARDOUS LIQUID N.O.S |
| Precautionary statements: | Wash thoroughly after handling. Keep away from heat, sparks and open flames. |

4. FIRST AID MEASURES

If poisoning is suspected regardless of the route through which pyrethrins may have entered the body immediate medical attention should be sought.

| | |
|-----------------------|---|
| Symptoms and effects: | Not expected to give rise to an acute hazard under normal conditions of use. Under high temperature conditions, vapours irritating to the nose, throat and upper respiratory tract may be produced. |
| Inhalation: | Remove the affected person to fresh air, obtain medical assistance immediately. |

MATERIAL SAFETY DATA SHEET

| | |
|-------------|--|
| Inhalation: | Remove the affected person to fresh air, obtain medical assistance immediately. |
| Ingestion: | Wash out mouth with water and seek medical help immediately. Do not induce vomiting. |
| Skin: | Flush contaminated skin with soap and water. Remove contaminated clothing and soak in water. Launder before re-use. |
| Eyes: | Flush with copious quantities of water. If irritation persists, seek medical attention. |

5. ACCIDENTAL RELEASE MEASURES

| | |
|-------------------------|--|
| Personal precautions: | Do not inhale. Avoid contact with skin and eyes. Take off contaminated clothing immediately. |
| Respiration protection: | Normal (mechanical) exhaust. |

6. FIRE FIGHTING MEASURES

| | |
|-------------------------------|--|
| Suitable extinguishing media: | Not flammable but for fire in the surrounding to extinguished by Foam, extinguishing powder, carbondioxide, sand, Earth. |
| Suitable extinguishing media: | Avoid heavy hose steams. |

7. HANDLING AND STORAGE

| | |
|-----------|--|
| Handling: | Keep out of reach of children. Do not contaminate food and drinking stuff or kitchenware during the usage. After touching the product we recommend washing your hands with plenty of water and soap. |
| Storage: | Keep away from sunlight and store in a well ventilated area in a tightly closed original container at room temperature . |

8. EXPOSURE CONTROL/PERSONAL PROTECTION

| | |
|-------------------------|---|
| Hygiene measures: | Wash hands with soap and water before eating, drinking, smoking and using the toilet. |
| Respiratory protection: | Normal (mechanical) exhaust |
| Hand protection: | Impervious or nitrile rubber gloves |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------|-----------------------|
| Physical state: | Light flowable liquid |
| Odour: | Citronella fragrance |
| Colour: | White colour |

MATERIAL SAFETY DATA SHEET

Solubility in water: Soluble
pH of a 1% aqueous dilution: 6.5 - 7.0
Vapour density: Not established

10. STABILITY AND REACTIVITY

Conditions to avoid: Extreme temperatures and direct sunlight since decomposition occurs at temperatures above 160°C.
Materials to avoid: Alkalis and alkaline materials.
Oxidising agents
Hazardous decomposition products: Not expected to form during normal storage

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes stinging sensation
SKIN EFFECTS: Mildly Irritating. May cause allergic dermatitis
INGESTION: May cause lung damage if swallowed
EFFECTS OF OVER EXPOSURE: N/A
CHEMICALS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS:
HEALTH HAZARDS
WHO classification: "Moderately hazardous"

12. ECOLOGICAL INFORMATION

Biodegradation: Highly biodegradable
Ecotoxicity Fish: Highly toxic to fish
Honey bees: Toxic to bees
Soil micro-organisms: No negative effect when applied in normal use level

13. DISPOSAL CONSIDERATIONS

Waste disposal: Wastes disposed of in accordance with the prevailing regulations. Do not release into water bodies.
Product disposal: As for waste disposal
Container/packaging disposal: All containers should be emptied, rinsed three times with water and detergent then offered for recycling or reconditioning

MATERIAL SAFETY DATA SHEET

14. TRANSPORT INFORMATION.

DOT (ground) SHIPPING NAME: Environmentally hazardous substance, Liquid, N.O.S.
(Pyrethrin insecticide).

UN NUMBER: 3082

HAZARD CLASS: 9

PACKING GROUP: III

REMARKS: Marine pollutant when shipped in bulk or non-bulk by water.

15. REGULATORY INFORMATION

This product is registered with the Pest Control Products Board (PCPB), Government of Kenya as per the Pest Control Products Act 1982.

R-Phrases

- a) R41- Risk of serious eye damage
- b) R50- Very toxic to aquatic organisms
- c) R53- May cause long term adverse effects in the aquatic environment

S-Phrases:

- a) S2- Keep out of reach of children
- b) S25-Avoid contact with eyes
- c) S36- In case of contact with eyes, rinse immediately with plenty of water, seek medical attention.
- d) S24 – If swallowed, seek medical advice immediately

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Review Date: 1st / March / 2024



Kapi Limited is certified as meeting the requirements of ISO 9001:2015

