



KAPI LIMITED

MANUFACTURERS & DISTRIBUTORS

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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product name	Flower Dust
Product type	Pyrethrum Powder
Use	Control of thrips in pupae and adult stages, cutworms and grey-white root aphids in the soil
Manufacturer	KAPI LIMITED

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME OF INGREDIENT	PROPORTION	CAS NUMBER
Pyrethrins	0.25% w/w	8003-34-7

3. HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS

Swallowed

May be harmful if swallowed. May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

Eye

Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.

Skin

Will cause irritation to the skin, with effects including; redness, itchiness, and possible dermatitis.

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Inhaled

May cause irritation to the nose, throat and respiratory system with effects including: dizziness, headache and possible confusion.

Chronic

Prolonged or repeated skin contact may lead to dermatitis.

4. FIRST AID MEASURES

Swallowed

If swallowed, DO NOT induce vomiting. Give a glass of milk. Seek medical assistance immediately

Eye

If dust enters the eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists seek medical assistance.

Skin

If material contacts the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

Inhaled

Move victim to fresh air. Apply resuscitation if victim is not breathing. Open all doors, windows and/or vents.

First Aid Facilities

Eye wash fountain, safety shower and normal wash room facilities nearby.

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS

This product is NOT classified as flammable or combustible by OSHA.

EXTINGUISHING MEDIA

Foam, carbon dioxide or dry chemical.

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HAZARDOUS COMBUSTION PRODUCTS

Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

FIRE FIGHTING PROCEDURES

Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

Large & Small spill

Sweep into a container for re-use.

7. HANDLING AND STORAGE

Handling:

Mixers, loaders, and other handlers: Wear a long-sleeved shirt and long pants, shoes and socks. Wear chemical-resistant gloves such as Barrier Laminate, Neoprene Rubber, Nitrile Rubber, or Viton. Do not contaminate water, food or feedstuffs by storage, handling, or disposal.

READ AND OBSERVE ALL PRECAUTIONS AND INSTRUCTIONS ON THE PRODUCT LABEL.

Storage:

Store in a cool, dry (preferably locked) area that is inaccessible to children and animals. Keep this product in its tightly-closed, original container when not in use. Keep at room temperature

KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls	Provide adequate ventilation
Hygiene measures	Wash hands with soap and water before eating, drinking, smoking and using the toilet
Respiratory protection	Normal (mechanical) exhaust
Hand protection	Wear protective gloves (Impermeable or nitrile rubber gloves)
Eye protection	Wear safety goggles.
Skin Protection	Wear suitable protective overalls

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Brown Powder
ODOR:	Mild vegetable smell, almost odorless
APPEARANCE:	Brown Powder
pH:	Not Applicable; Product not intended to be diluted in water
VAPOR DENSITY:	Not Applicable
FREEZING POINT:	Not Applicable
SOLUBILITY IN WATER:	Not soluble

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Not compatible with strong acids or bases. Not compatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow flower dust to enter or runoff into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash Flower Dust off the treatment area.

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

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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 then offered for recycling or reconditioning. Can be disposed of in a landfill or by other procedures permitted by law. Containers should not be used for storing food or drinks.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	Environmentally hazardous substance, powder, N.O.S (Pyrethrin insecticide)
HAZARD CLASS	9
UN NUMBER	3082
PACKING GROUP	III

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

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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: 28th / July / 2021



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

