



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product name	Flower Mosquito Coils
Product type	Mosquito Coil
Use	Repelling and killing of mosquitoes
Manufacturer	Kapi Limited

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME OF INGREDIENT	FUNCTION	CONCENTRATION	CAS NUMBER
D-Allethrin	Active Ingredient	0.2% w/w	584-79-2

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 SOLID

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.
Inhalation:	Remove the affected person to fresh air, obtain medical assistance immediately.
Ingestion:	Wash out mouth with water and seek medical help immediately.

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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.
Personal protection:	Respiration protection: normal (mechanical) exhaust.
Clean-up methods:	If container is damaged in any way, check for any leaks and in case of leakage, transfer the contents into another suitable container.

6. FIRE FIGHTING MEASURES

FLAMMABLE CLASS

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

EXTINGUISHING MEDIA

Foam, carbon dioxide or dry chemical.

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.

7. HANDLING AND STORAGE

Handling:	When using do not drink, eat or smoke. When handling the product personal protection equipment should be worn and proper handling equipment should be used.
Storage:	Store in a well ventilated area in a tightly closed original container at room temperature .

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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:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Odour:	Citronella smell
pH of a 1% aqueous dilution:	N/A
Vapour density:	Not established
Strength:	>6.5cm
Elasticity	>90<150g
Burning Time:	>7.5Hrs

10. STABILITY AND REACTIVITY

Conditions to avoid:	Extreme temperatures and direct sunlight
Materials to avoid:	Alkalis and alkaline materials
Hazardous decomposition products:	Not expected to form during normal storage

11. TOXICOLOGICAL INFORMATION

EYE EFFECT:	Causes stinging sensation
SKIN EFFECTS:	Mildly Irritating. May cause allergic dermatitis
INDESTION:	May cause lung damage if swallowed
EFFECTS OF OVER EXPOSURE:	N/A
CHEMICALS LISTED AS CARCINOGENS OR POTENTIALCARCINOGENS:	
(ii) 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

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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 and detergent 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.

DOT (ground) SHIPPING NAME:	Environmentally hazardous substance, Solid, N.O.S. (Pyrethroid insecticide).
UN/NA NUMBER:	3352
HAZARD CLASS:	6.1
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 cases of contacts 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

