

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE

Product Name: Flower Mosquito coil
Manufacturer: Kapi Limited

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME OF INGREDIENT	FUNCTION	CONCENTRATION	CHEMICAL FORMULATION
D-Allethrin	Active ingredient	0.2%	$C_{19}H_{26}O_3$

3. HAZARD IDENTIFICATION

Mosquito coils are intrinsically flammable but considered inert. No explosion hazard.

Human health hazards: Skin contact may cause transitory dysesthesia and if swallowed it may cause lung damage.

Safety hazards: Combustible but not volatile

4. (i). OCCUPATIONAL EXPOSURE LEVEL

Biological exposure level | Not relevant / Not determined

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5. FIRST AID MEASURES

- Inhalation:** In the event of direct inhalation of smoke, remove the affected person from the place of exposure to a well ventilated area. In case of respiratory symptoms provide oxygen. Should symptoms persist seek medical assistance immediately.
- Ingestion:** Wash out mouth with water and seek medical help immediately. Take activated charcoal pills.
- 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Do not inhale the smoke directly. Avoid contact with skin and eyes. Take off contaminated clothing immediately.
- Personal protection:** Wear personal protection equipment.
Respiration protection: normal (mechanical) exhaust.

7. FIRE FIGHTING MEASURES

- Suitable extinguishing media:** Foam, extinguishing powder, carbondioxide,

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- Hand protection:** Impervious or nitrile rubber gloves
- Eye protection:** Safety glasses or Goggles
- Body protection:** Minimize all forms of skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Solid
- Odour:** Woody smell with musk perfume added
- Colour:** Red
- Storage stability:** 5 years in proposed packaging

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10. STABILITY AND REACTIVITY

This product is designed to smoulder and be reduced to white ashes. Under normal storage conditions the product is considered inert and stable, with a shelf life of 5 years.

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

11. TOXICOLOGICAL INFORMATION

SKIN EFFECTS:	May cause transitory dysesthesia, which disappears without any after effects.
INDESTION:	May cause lung damage if swallowed

EFFECTS OF OVER EXPOSURE: N/E CHEMICALS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS

(ii) HEALTH HAZARDS

WHO classification : "Slightly hazardous"

12. ECOLOGICAL INFORMATION

Persistence/degradation:	Non-persistent, rapidly degrades in sunlight or alkaline pH
Fish:	Highly toxic to fish
Honey bees:	Non toxic in normal use
Soil micro-organisms:	No negative effect when applied in normal use level

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13. DISPOSAL CONSIDERATIONS

Waste disposal:	Wastes disposed off in accordance with the prevailing regulations. Do not release into water bodies.
Product disposal:	As for waste disposal
Container/packaging disposal:	All packages to be disposed off as required by law.

14. TRANSPORT INFORMATION

HAZARD CLASS:	N/A
DOT IDENTIFICATION NUMBER:	N/A
PACKING GROUP:	N/A

15. REGULATORY INFORMATION

Symbols for danger:	Xn – Harmful
R - phrases:	R20/21/22- Harmful by inhalation, in contact with the skin and if swallowed. R65 – May cause lung damage if swallowed

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