

KAPI LIMITED
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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product name: Pyrethrum Based Mossi Chips
Manufacturer: Kapi Limited
Address: P.O.Box 252-20100
Nakuru

Contact numbers:
Telephone: 051-2217134/ 2217228
Fax: 051-2215850
Email: info@kapiltd.co.ke

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME OF INGREDIENT	FUNCTION	CONCENTRATION	CHEMICAL FORMULATION
25% Chrysanthemum Sp. Technical	Active Ingredient Pyrethrins I Pyrethrins II	60 mg/Chip	$C_{21}H_{28}O_3$ $C_{22}H_{28}O_5$

3. HAZARD IDENTIFICATION

Mosquito chips are considered inert. No explosion hazard.

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

Safety hazards: Combustible but not volatile.

4. OCCUPATIONAL EXPOSURE LEVEL

Biological exposure level

Not relevant/ not determined

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.
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:	Avoid contact with skin and eyes. Take off contaminated clothing immediately.
Personal protection:	Wear personal protection equipment. Respiration protection: normal

7. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, extinguishing powder,

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Hand protection:	Impervious or nitrile rubber gloves
Eye protection:	Safety glasses or Goggles
Body protection:	Minimize skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

This product is designed to smolder 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

Materials to avoid: Alkalis and alkaline materials

Hazardous decomposition products: Not expected to form during normal storage

11. TOXICOLOGICAL INFORMATION

- (i) 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"
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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

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
