



KAPI LIMITED

MANUFACTURERS & REFINERS

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product name: Mosquito Repellent Towlettes
Product type: Repellent Wipes
Manufacturer: Kapi Limited

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME OF INGREDIENT	FUNCTION	CONCENTRATION
MGK 1790	Active ingredient	12%
Iso-propyl Alcohol	Carrier Solvent	50%
Other Ingredients	Inert Ingredients	38%

3. HAZARD IDENTIFICATION

Human health hazards: Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing

Safety hazards: Non-flammable

Environmental hazards: ENVIROMENTALLY HAZARD LIQUID NOS

4. FIRST AID MEASURES

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.

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Eyes:	causes moderate eye irritation.
Skin:	can cause skin irritation. can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).
Skin absorption:	harmful if absorbed through the skin.
Ingestion:	harmful if swallowed.
Inhalation:	excessive inhalation can cause nasal and respiratory irritation.
Chronic effects:	None known

5. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not inhale. Avoid contact with skin and eyes. Take off contaminated clothing immediately.
Personal protection:	Wear impermeable gloves, safety goggles, boots, overalls and head cover.
Respiration protection:	normal (mechanical) exhaust
Small Spill:	Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.
Large Spill:	Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent
Waste Disposal Method	Contaminated absorbent and wash water should be disposed of according to local, and federal regulations.

6. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Foam, extinguishing powder, carbondioxide, sand, Earth.
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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: Use containers made from inert materials. Keep in original container.

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: Viscous to free flowing liquid

Odour: Odourless

Colour: Pale Yellowish

Solubility in water: Insoluble

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

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

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EFFECTS OF OVER EXPOSURE: N/E

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 off 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 off 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:	N/A	DOT IDENTIFICATION NUMBER:	N/A
HAZARD CLASS:	N/A	PACKING GROUP:	N/A
HMIS RATINGS	1- Health	0- Flammability	

15. REGULATORY INFORMATION

Symbols for danger: Xn – Harmful
R- phrases: R20/21/22- Harmful by inhalation, in contact with the skin and if swallowed. R43 – May cause allergic dermatitis

P.O.Box 252-20100, Nakuru, KENYA. Kufanya Road
 Fax: +254 51 2215850 Tel: +254 51 2217134/2217228
 Email: info@kapiltd.co.ke or Email: oce@kapiltd.co.ke
 Web: www.owerbrand.co.ke or Web: www.kenyan-pyrethrum.com