

Updated Safety Considerations for Topical Kambo Oil Product

1. Introduction

The topical Kambo oil product, produced by "KamboTree," is formulated with Kambo peptides and an oil base containing components derived from sunflower. Safety information for such products is paramount, especially given that Kambo secretions contain a complex mixture of bioactive peptides known to exert significant physiological effects.¹ This leaflet provides updated safety considerations for the topical Kambo oil, reflecting the current understanding of Kambo's properties. The goal is to equip users and trained Kambo Practitioners with the necessary knowledge to use the product safely and responsibly.

2. Updated Ingredients

The topical oil consists of Kambo peptides and an oil base composed of components derived from sunflower. The Kambo peptides are derived from the skin secretions of the *Phyllomedusa bicolor* frog. These peptides are known to possess a variety of bioactive properties, which necessitate specific safety considerations.

3. Safety Profile of the Oil Base

The oil base of this product contains components derived from sunflower. While generally well-tolerated, sunflower-derived ingredients can carry a potential risk of allergic reactions in individuals with known allergies to sunflowers.³ Individuals with specific sensitivities should exercise caution. A key property of some components in the oil base is their potential to enhance the penetration of other substances through the skin.⁵ This suggests that the oil base in this formulation may facilitate the absorption of Kambo peptides, potentially influencing their effects. Regarding safety during pregnancy and breastfeeding, current data on the topical application of sunflower-derived components are limited, and therefore, caution is generally advised for these populations.⁷

4. Specific Safety Precautions for Kambo Oil

The following safety precautions are specific to this topical oil containing Kambo peptides and should be strictly adhered to:

4.1 General Warnings:

- Avoid contact with the eyes.
- Do not ingest.
- Only use as directed.
- Never apply to open wounds, the face, genitals, or anus.

4.2 Kambo-Specific Warnings:

- Not for use without consulting a Kambo Practitioner trained in the use of the oil by "KamboTree".
- Not safe for children.

- Not safe for breastfeeding individuals.
- Do not use on the same site more than once every two days.
- If any irritation occurs, wash off with warm soapy water and contact your practitioner.

The requirement for consultation with a Kambo Practitioner trained by "KamboTree" underscores the need for expert guidance when using this product.

5. Warnings and Contraindications for Kambo Peptides

5.1 Potential Systemic Effects:

Kambo secretions contain potent bioactive peptides that can exert significant physiological effects on the body.⁹ Even with topical application, these peptides can be absorbed through the skin and potentially lead to systemic effects.⁹ These effects may include changes in heart rate and blood pressure, nausea, vomiting, dizziness, and skin reactions.⁹ Severe adverse events, although rare, have been reported with Kambo use.¹⁰

5.2 Contraindications:

The use of this topical oil containing Kambo peptides is contraindicated in certain populations and individuals with specific health conditions:

- Pregnancy and breastfeeding.¹³
- Children.¹⁶
- Severe and unstable cardiovascular conditions¹³
- Hypotensive syndromes¹⁸
- Psychosis, severe depression, and bipolar disorders¹³
- Severe, unstable anxiety disorders¹¹
- Kidney or liver disease.¹³
- Epilepsy or seizure disorders¹³
- Known allergy to frogs or amphibians.

6. Usage Guidelines

This topical oil should only be used after a thorough consultation with a Kambo Practitioner trained by "KamboTree". Users must strictly adhere to the specific directions provided by their practitioner. Perform a patch test on a small area of skin before using it on a larger area. Apply the oil as instructed, avoiding open wounds, the face, genitals, and anus. Do not use on the same site more than once every two days.

7. Adverse Reactions and What to Do

Users may experience immediate effects following topical application, including heat sensation, facial redness, nausea, or dizziness.⁹ If any irritation occurs, wash the area with warm soapy water and contact your practitioner.¹⁷ Seek immediate medical attention for severe symptoms such as difficulty breathing, chest pain, or severe dizziness. Report any unexpected or severe adverse reactions to "KamboTree".

8. Safety in Specific Populations

8.1 Children:

This product is not safe for use on children due to potential sensitivity to Kambo peptides.¹⁰

8.2 Breastfeeding Individuals:

This product is not safe for use by breastfeeding individuals due to potential risks to the nursing infant.¹⁰

9. Important Considerations

This information is for informational purposes only and should not substitute professional medical advice. Consult a healthcare provider for any health concerns. Individual responses to Kambo peptides can vary. Even with guidance from a trained practitioner, adverse effects are possible. Follow any specific storage instructions provided with the product.

10. Disclaimer

This product is intended for use only as directed by a Kambo Practitioner trained by "KamboTree". No regulatory authority has evaluated the statements in this leaflet. This product is not intended to diagnose, treat, cure, or prevent any disease. Use with realistic expectations and under the guidance of a professional.

Table 1: Bioactive Peptides in Kambo Secretion and Their Reported Effects

Peptide	Reported Effects	Snippet References
Phyllocaerulein	Lowered blood pressure, nausea, vomiting	17, 9, 17, 9, 17, 18, 9, 11, 11, 20, 9, 21, 17, 11, 22, 23, 12, 24, 23, 23, 21, 25, 26, 14, 27
Phyllomedusin	Increased heart rate, heat flushing, red skin, hypotension, stimulates gut motility	17, 9, 17, 9, 17, 18, 9, 11, 22, 11, 20, 13, 11, 24, 26, 9, 21, 17, 11, 22, 28, 24, 23, 23, 26, 21, 25, 22, 26, 15, 15
Phyllokinin	Increased heart rate, heat flushing, red skin, hypotensive effects	17, 9, 17, 9, 17, 18, 9, 11, 11, 20, 9, 21, 17, 11, 22, 24, 23, 23, 21, 25, 26, 29, 30, 31
Sauvagine	Lowered blood pressure, nausea, vomiting, intense tachycardia	9, 32, 33, 34, 13, 17, 2, 35, 24, 33, 21, 24, 36, 28, 23, 21, 26
Dermorphins	Reduced pain, nausea, vomiting, euphoria	10, 13, 2, 19, 37, 32, 18, 11, 34, 11, 38, 13, 20, 13, 2, 11, 24, 39, 21, 17, 24, 11, 11, 28, 10, 40, 41, 24, 23, 23, 42, 13, 21, 43, 39, 23, 44, 45, 46, 17, 22, 26, 47, 39, 48, 49, 47, 50, 51, 52, 47, 53, 54, 40, 53, 55, 56, 57, 55
Deltorphins	Reduced pain, nausea, vomiting, euphoria, heat-flushing	10, 13, 2, 19, 37, 32, 18, 11, 34, 11, 38, 13, 20, 13, 2, 11, 24, 39, 21, 17, 24, 11, 11, 28, 10, 40, 41, 24, 58, 23, 23, 42, 13, 21, 43, 39, 23, 44, 45, 46, 17, 22, 26, 47, 39, 48, 49, 47, 50, 51, 52, 47, 53, 54, 40, 53, 55, 56, 57, 55

Table 2: Potential Contraindications for Topical Kambo Oil

Condition
Severe and unstable cardiovascular conditions
Hypotensive syndromes
Psychosis, severe depression, bipolar disorders, severe anxiety
Pregnancy
Breastfeeding
Epilepsy or seizure disorders
Liver or kidney dysfunction
Addison's disease
History of stroke or brain haemorrhage
Aneurism
Blood clots
Low blood pressure