

Safety Instructions for Nano Microneedle Patch

(Moringa Berberine × NAD⁺ 10-IN-1 Advanced Nano Microneedle Patch) Safe Use for Healthy Management

1. Product Safety Overview

This product is an **external-use nano microneedle patch** formulated with natural ingredients (e.g., berberine HCl, moringa leaf extract) to provide gentle support for daily weight management plans.

Important Note: This product is a dietary aid, **not a medicine**. It is not intended to replace any medical treatment or medication. Results may vary from person to person. Do not use this product for the diagnosis, treatment, cure, or prevention of any disease.

2. Critical Safety Warnings

- **✗ For external use only:** Do not ingest or apply to mucous membranes such as the eyes, mouth, or nasal cavity.
- **✗ Avoid broken skin:** Do not use on wounds, eczema, dermatitis, sunburn, or any other damaged skin.
- **✗ Child safety:** Keep the product out of reach of children. Do not allow children to use it without adult supervision.
- **✗ Not a substitute for medical care:** If you have chronic conditions (e.g., diabetes, cardiovascular disease), consult a doctor before use.
- **✗ Allergy test:** Always perform a skin patch test before first use. If a severe allergic reaction occurs, discontinue use immediately and seek medical attention.
- **✗ Do not overuse:** Follow the recommended frequency strictly. Do not increase the duration or frequency of use.

3. Pre-Use Safety Checks

- **Inspect packaging:** Ensure the product packaging is intact, with no damage, leakage, or expiration. Do not use if the packaging is damaged.
- **Check patch integrity:** Confirm the patch is free of tears, deformities, or discoloration, and that the microneedle area is intact.
- **Assess skin condition:** Clean the application area (e.g., abdomen, arm) before use, ensuring the skin is dry, intact, and free of cosmetics.
- **Self-health assessment:** Confirm you are not in a contraindicated group (see Chapter 5). If in doubt, consult a doctor.

4. Safe Application Steps

1. **Clean skin:** Wash the application area with mild soap and water, then pat dry completely to remove all oils, sweat, or skincare residue.
2. **Remove protective film:** Carefully peel off the protective film from the patch, avoiding contact with the microneedle area.
3. **Apply the patch:** Gently press the microneedle side onto the cleaned skin, and hold for 10–15 seconds to ensure adhesion. **Do not press or rub forcefully**, as this may cause excessive penetration of the microneedles.
4. **Wear time:** Recommended wear time is 6–8 hours; do not exceed 12 hours.
5. **Remove the patch:** After use, gently lift the edge of the patch and peel it off slowly to avoid pulling the skin. If adhesive residue remains, clean the area with warm water and soap.
6. **Replacement frequency:** Use once daily. Do not apply a new patch to the same area within 24 hours.

5. Contraindications and Precautions

Do not use if you are:

- Pregnant or breastfeeding
 - Under 18 years of age
 - Allergic to any ingredient (e.g., berberine HCl, moringa leaf extract)
 - Suffering from severe skin conditions (e.g., psoriasis, lupus erythematosus) or having open wounds
 - Taking anticoagulant medications or have a bleeding tendency
- Use with caution (consult a doctor before use) if you are:
- Living with chronic conditions such as diabetes, cardiovascular disease, or liver/kidney disease
 - Undergoing medical treatment or taking prescription medications
 - Having sensitive skin or a history of allergies
 - Having recent skin surgery or laser treatment

6. Adverse Reactions and Emergency Handling

Common Mild Reactions (usually resolve on their own)

- Mild redness, stinging, or itching: Often caused by microneedle stimulation, typically subsiding within 1–2 hours after patch removal.
 - Temporary skin dryness: Apply a gentle moisturizer after use.
- Severe Adverse Reactions (discontinue use and seek medical attention immediately)
- Persistent redness, severe itching, rash, or blistering
 - Dizziness, nausea, palpitations, or difficulty breathing

- Skin infection or pus formation
- Any other severe discomfort

Emergency Response

1. Remove the patch immediately and clean the application area with water.
2. For mild allergic reactions, a non-prescription hydrocortisone cream may be applied to relieve symptoms.
3. If symptoms are severe or persist for more than 24 hours, seek immediate medical attention and bring the product packaging with you.

7. Storage and Disposal

- **Storage conditions:** Store in a cool, dry place, away from direct sunlight and high temperatures (below 25°C / 77°F).
- **Avoid moisture:** Do not store the product in the bathroom or other humid environments.
- **Expired products:** Do not use expired products. Dispose of them in accordance with local waste management regulations.
- **Used patches:** Seal used patches before disposal to prevent access by children or pets.

8. Frequently Asked Safety Questions

Q1: Can I shower or swim while wearing the patch?A1: Not recommended. Water can reduce the patch's adhesion and may increase the risk of infection in the microneedle area. If you need to bathe, it is best to remove the patch first.

Q2: What if I forget to replace the patch?A2: If the wear time exceeds the recommended 12 hours, remove the patch immediately to avoid prolonged skin pressure. Resume the normal frequency for your next use.

Q3: Can I use this product with other weight management products?A3: Consult a doctor before combining with other products, especially if you are taking weight-loss medications or using other topical treatments.

Q4: Can the patch be reused?A4: No. Each patch is for single use only. Reuse may lead to infection or reduced effectiveness.