

OSWORTHTM
HEALTHCARE

RC 770249

Siddh:ayu[®]

BOROCARE NEEM CREAM

Antiseptic Cream For Your
Daily Skin Problems



WHO ARE WE



- ▶ Osworth Nigeria Limited, is a subsidiary of May & Baker Nigeria Plc
- ▶ Was founded about 13 years ago.
- ▶ Our mandate is to offer quality generic products at cost effective prices.
- ▶ A decision taken to take care of the excess capacity arising from setting up a world class W.H.O certified manufacturing plant of our parent company

OSWORTH PRODUCT PORTFOLIO

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ANTISEPTIC CREAM

FIRST AID CREAM

WOUND HEALING CREAM

1ST & 2ND DEGREE BURNS CREAM

Purpose of Antiseptic Cream

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The primary purpose of Antiseptic cream has always been the promotion of rapid healing with functional and cosmetic results. The first step towards rapid healing is to ensure a clean wound free from microorganism



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Activity of Borocare Neem Cream

Antiseptic & Anti-microbial

Anti-inflammatory &
Faster Wound Healing

Soothing, Non-irritating, No
redness

Emollient Activity

Reduce inflammation

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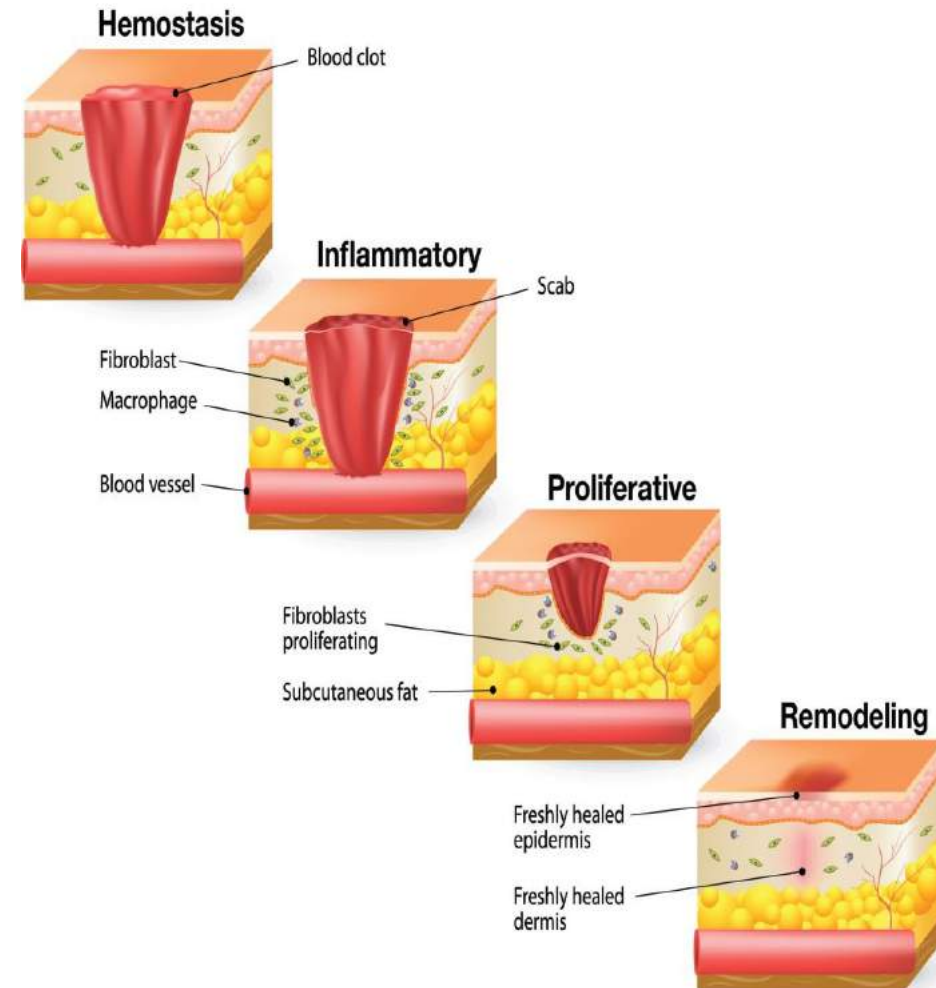
Process of Wound Healing

Rapid hemostasis :This refers to the mechanism that stops the actual bleeding.

Inflammation : Inflammation is the body's way of alerting us of an injury.

Proliferation and migration : When inflammation occurs, the body release several kinds of cells, that are responsible for migration and proliferation.

Angiogenesis : Once bleeding is under control, the body then begins the process of rebuilding tissue.



Key Ingredients



Azadirachta indica
(Neem)



Aloe barbadensis
(Aloe Vera)



Saraca indicum
(Ashoka)



Sesamum indium
(Sesamun)



Glycyrrhiza glabra
(Licorice)

Individual Herb Profile

Common Name : Neem

Botanical Name : *Azadirachta indica*

Chemical Constituents : Azadirachtin, Meliantriol

Uses in Product: Anti-microbial and Wound Healing

Mechanism of Action:

Azadirachta Indica works by two mechanism :

- **Anti-microbial :** It is known to possess a wide spectrum of antibacterial action against Gram-negative and Gram-positive microorganisms.



Individual Herb Profile

- **Wound Healing :**

Neem

Increase tensile strength

Due to increase in Proliferation & Transformation of fibroblast cells into Myofibroblast

Myofibroblast exert tension on the surrounding Extracellular matrix(ECM) and secreting ECM protein such as collagen to stabilize contraction and helps promote definite pro-healing action in wound healing.



Individual Herb Profile

Common Name : Aloe Vera

Botanical Name : *Aloe barbadensis*

Chemical Constituents : Aloin

Uses in Product: Skin Burn and Anti-inflammatory

- It Soothes Rashes and Skin Irritation
- Anti-inflammatory, heals wounds

Mechanism of Action:

- Healing of burn wound is essentially dependent on angiogenesis, mainstay in granulation tissue formation.
- Aloe vera has a potentially significant anti-inflammatory effect.



Individual Herb Profile

- Topical application of Aloe vera has been demonstrated to have a promising effect on wound healing process.
- In addition it might increase production of human fibroblast 6-8 folds faster than conventional, improve their structure and accelerate their collagen production



Individual Herb Profile

Common Name : Ashoka

Botanical Name : *Saraca indica*

Chemical Constituents : Tannins, saponin

Uses in Product: Analgesic

Mechanism of Action:

- The analgesic activity of *Saraca indica* helps inhibit the sensory nerve stimulation, thus is helpful to relieve pain and inflammation



Individual Herb Profile

Common Name : Sesame seed oil

Botanical Name : *Sesamum indicum*

Chemical Constituents : Sesamin, Sesamolin

Uses in Product: Antioxidant and Emollient

Antioxidant. It has the ability to fight free radicals, or unstable molecules that can harm the cellular structure of your skin.

Antimicrobial. This means it can kill harmful microorganisms or stop their growth.

Anti-inflammatory. This means it can reduce inflammation and swelling

Mechanism of Action:

- *Sesamum indicum* is known for its Emollient activity which helps provide a soft and soothing skin for chapped skin.
- It is also effective in management of wound and helps wound heal faster due to its higher collagen and anti-oxidant activity.



Individual Herb Profile

Common Name : Licorice

Botanical Name : *Glycyrrhiza glabra*

Chemical Constituents : Glycyrrhizin

Uses in Product: Anti-inflammatory and Anti-microbial

- It useful as antiseptic, anti-inflammatory and demulcent properties
- It help to heal various skin conditions, such as redness and inflammation. Its hydrating properties prevent the skin from getting dry while trapping its moisture. This keeps the skin looking fresh and younger.



Individual Herb Profile

Common Name : Licorice

Botanical Name : *Glycyrrhiza glabra*

Mechanism of Action:

- Application of *Glycyrrhiza glabra* is effective in wound healing.
- Studies shows that it effectively stimulate wound contraction and improves tensile strength.
- It also shows anti-inflammatory activity and this activity is attributed to steroidal structure of Glycyrrhizin.
- Anti-microbial activity of *Glycyrrhiza glabra*is helpful in preventing infection of wound.



ZINC OXIDE

Topical Zinc oxide is a mild astringent.

Zinc oxide is a soothing agent. It helps heal wounds, severely chapped skin, itching and irritation.

Indication

- Promotes healing of wounds
- First and second degree burns
- Antibacterial cream
- Effective on insect bites and itching
- Anti-inflammatory

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BOROCARE NEEM CREAM

Borocare Neem Cream is an innovative and scientific based formulation comprised of several natural ingredients.

Dosage form: Cream

Route of Administration: Topical.

Direction for use: Clean the skin well and then apply the cream by gentle massaging an affected areas or as directed by the physician

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BENEFITS

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*One solution for your
daily skin problems*

Antiseptic Cream



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References

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