

RELIEF OF

SKIN IRRITATIONS

Information for Health Care Professionals



MINOR BURNS • CHAPPED SKIN • DRY SKIN CUTS • SUNBURN • SCRAPES • CHAFING

Calendula officinalis (garden marigold) is a plant native to southern Europe and widely cultivated in North America. Its flowers have been used topically for generations to naturally heal cuts, scrapes, rashes, and skin irritations. We now know Calendula's healing properties are attributed to the presence of essential oils, saponins, flavonoids, and alkaloids. The extracts of the flowers have been shown to aid skin healing by stimulating re-epithelialization of damaged tissue. Similarly, homeopathic Calendula preparations have been recognized as healing agents.

Boiron offers three different topical forms of Calendula, optimized for different types of skin damage. No pesticides or fertilizers are used on these plants, which are handled while still fresh. The homeopathic tincture is prepared by hydro-alcoholic maceration at room temperature to ensure the active compounds are present in the medicine. Boiron Calendula topicals are paraben-free and dye-free.



World Leader in Homeopathic Medicines

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MEDICINES

Boiron Calendula topicals (<i>Calendula officinalis</i> or garden marigold)	Healing agent; aids healing of cuts, scrapes, chafing, minor burns, and sunburn.	Plant-based active ingredient.	Low potential for sensitization after frequent skin contact with concentrated extracts.
Antibiotic ointments (bacitracin, polymyxin B)	Local antibiotic action.	First aid to decrease the risk of infection.	Possibility of allergic reactions; change in the local bacterial flora and bacterial resistance; no direct action on epithelial regeneration.
Sunburn lotion with lidocaine	Topical anesthetic with moisturizers.	Quick relief.	Possibility of rare allergic reaction to lidocaine; possibility of systemic action when administered on large and damaged areas; no action on damaged skin.
Aloe vera lotion	Moisturizing action; may speed up wound healing.	Natural origin; fresh feeling.	May cause mild skin irritation.
Tea tree oil	Local antiseptic and antifungal action.	Natural origin.	External use only; risk of sensitization.
Zinc oxide/lanoline ointment	Astringent and occlusive action.	Good healing action; isolates skin from irritants.	Strong odor and risk of allergic reaction to lanolin; difficult to apply.

BOIRON'S MANUFACTURING PROCESS

Boiron uses *Calendula officinalis* harvested during flowering. These freshly picked plants are manufactured according to the *Homeopathic Pharmacopoeia of the United States*. The extraction is performed with water and alcohol at room temperature for 21 days. The tincture is filtered and then undergoes quality-control testing. Expiration dates are established based on stability studies carried out according to international standards.



PHARMACOLOGY OF CALENDULA EXTRACTS

In homeopathy, Calendula is used topically and internally as an analgesic and antiseptic.¹ Calendula extracts stimulate the proliferation and migration of fibroblasts² and promote formation of granulation tissue during re-epithelialization of damaged skin.²⁻³ Extracts of Calendula have been shown to stimulate the formation of new blood vessels (angiogenic properties), as well as to increase fibroblastic activity and anti-inflammatory and antibacterial properties in burns.⁴⁻⁵ It seems these effects are due to more intensive metabolization of glycoproteins, nucleoproteins, and collagen proteins during the re-epithelialization.⁶⁻⁷

Several reviews describe in detail the advantages and limits of Calendula extracts in medically-induced skin irritations.⁸⁻¹¹

SAFETY

Calendula extracts are widely used in cosmetic preparations. Rare cases of sensitization have been reported, especially when used in conjunction with other preparations containing Compositae family plants.¹²

According to Acne.org, none of the inactive ingredients listed in Boiron Calendula topicals are comedogenic. However, we recommend using only an astringent, non-greasy topical for skin prone to acne, after proper cleansing.

The Boiron Calendula line should be used only for its labeled indications.

Each Form of Boiron Calendula is Designed for Specific Uses.

CALENDULA CREAM

Creamy, moisturizing emollient for:

- Rejuvenating night cream
- Minor burns and sunburns (cream does not contain SPF)
- Scrapes
- Chafing



CALENDULA GEL

Non-greasy, water-based astringent that is quickly absorbed to provide cooling effect for:

- Razor burn
- Brush burns
- Insect stings and bites



CALENDULA OINTMENT/CALENDULA BURN

Moisturizing emollient adheres to skin longer for:

- Dry or cracked skin (i.e., feet, elbows, or knees)
- Chafed or chapped skin
- Scrapes, cuts, and minor wounds
- Minor burns
- Blisters



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Calendula



CREAM 2.5 oz

Drug Facts

Active ingredient Purpose
Calendula officinalisHealing agent
1X HPUS 10%

The letters HPUS indicate that this ingredient is officially included in the Homeopathic Pharmacopoeia of the United States.

Uses

■ helps promote healing of cuts, scrapes, chafing, minor burns, and sunburn

Warnings

For external use only.
Avoid contact with eyes.

Do not use if you are allergic to Calendula officinalis or to any of this product's inactive ingredients.

Ask a doctor before use in case of deep or puncture wounds, animal bites, or serious burns.

Stop use and ask a doctor if condition persists for more than 3 days or worsens.

Keep out of reach of children.

If swallowed, get medical help or contact a Poison Control Center right away.

Directions

■ For minor burns, immediately run cool water on the burn for several minutes and dry. For scrapes, skin irritations, and sunburn, first cleanse the area with mild soap, rinse, and dry. ■ Then apply a thin layer of Calendula Cream to affected area 3 times a day or as needed.

Other information

■ do not use if glued carton end flaps are open or if the tube seal is broken
■ paraben-free ■ store at 68-77° F (20-25° C)

Inactive ingredients

alcohol, caprylyl glycol, carbomer, cetyl palmitate, glycerin, lauroyl macroglycerides, pegoxol-7 stearate, purified water, sodium hydroxide, sorbic acid, 1,2-hexanediol

Questions or comments?

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GEL 1.5 oz and 2.6 oz

Drug Facts

Active ingredient Purpose
Calendula officinalisHealing agent
1X HPUS 7%

The letters HPUS indicate that this ingredient is officially included in the Homeopathic Pharmacopoeia of the United States.

Uses

■ helps promote healing of skin irritations such as razor burn and insect bites or stings

Warnings

For external use only.
Avoid contact with eyes.

Do not use if you are allergic to Calendula officinalis or to any of this product's inactive ingredients.

Ask a doctor before use in case of deep or puncture wounds, animal bites, or serious burns.

Stop use and ask a doctor if condition persists for more than 3 days or worsens.

Keep out of reach of children.

If swallowed, get medical help or contact a Poison Control Center right away.

Directions

■ For skin irritations, razor burn, and insect bites or stings, first cleanse the area with mild soap, rinse, and dry. ■ Then apply a thin layer of Calendula Gel to affected area 3 times a day or as needed.

Other information

■ do not use if glued carton end flaps are open or if the tube seal is broken
■ store at 68-77° F (20-25° C)

Inactive ingredients

alcohol, caprylyl glycol, carbomer, dimethicone copolyol, EDTA disodium, purified water, sodium hydroxide, sorbic acid, 1,2-hexanediol

Questions or comments?

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OINTMENT 1 oz

Drug Facts

Active ingredient Purpose
Calendula officinalisHealing agent
1X HPUS 4%

The letters HPUS indicate that this ingredient is officially included in the Homeopathic Pharmacopoeia of the United States.

Uses

■ helps promote healing of cuts, scrapes, and minor burns ■ heals chapped hands and lips and nasal irritation from colds

Warnings

For external use only.
Avoid contact with eyes.

Do not use if you are allergic to Calendula officinalis or to any of this product's inactive ingredients.

Ask a doctor before use in case of deep or puncture wounds, animal bites, or serious burns.

Stop use and ask a doctor if condition persists for more than 3 days or worsens.

Keep out of reach of children.

If swallowed, get medical help or contact a Poison Control Center right away.

Directions

■ For minor burns, immediately run cool water on the burn for several minutes and dry. For cuts, scrapes, and chapped skin, first cleanse the area with mild soap, rinse, and dry. ■ Then apply a thin layer of Calendula Ointment to affected area 3 times a day or as needed.

Other information

■ do not use if glued carton end flaps are open or if the tube seal is broken
■ store at 68-77° F (20-25° C)

Inactive ingredients

white petrolatum NF

Questions or comments?

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(1-800-264-7661)

BURN 1 oz

Drug Facts

Active ingredient Purpose
Calendula officinalisHealing agent
1X HPUS 4%

The letters HPUS indicate that this ingredient is officially included in the Homeopathic Pharmacopoeia of the United States.

Uses

■ temporarily protects and helps promote healing of minor burns

Warnings

For external use only.
Avoid contact with eyes.

Do not use

■ over large areas of the body ■ if you are allergic to Calendula officinalis or to this product's inactive ingredients ■ under tight bandages.

Ask a doctor before use in case of deep or puncture wounds, animal bites, or serious burns that present ■ blisters ■ thickening of the skin ■ white and leathery appearance.

Stop use and ask a doctor if condition persists for more than 3 days or worsens or reoccurs.

Keep out of reach of children.

If swallowed, get medical help or contact a Poison Control Center right away.

Directions

■ For minor burns, immediately run cool water on the burn for several minutes and pat dry. ■ Then apply a thin layer of Calendula Burn to affected area 3 times a day or as needed.

Other information

■ do not use if glued carton end flaps are open or if the tube seal is broken

Inactive ingredients

white petrolatum NF

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