



Product Highlight: Reflect Outdoor Balm



Description: A water-free nourishing balm with natural minerals that help reflect damaging ultraviolet radiation. Microfine zinc oxide offers protection from harmful rays whilst organic olive oil keeps the skin supple. Potent antioxidants including natural vitamin E, beta carotene and polygonum extract, protect the skin from premature aging and prevent damage caused by the elements.

Why: We all love the outdoors – nothing makes us feel more alive than having fun in the elements. Whether it be pounding through the salty surf, swooshing down powdery ski runs, or just throwing a ball with the kids in the park; if you're out in the sunshine, you need to protect your skin.

How: Apply generously to skin surfaces exposed to sunlight 20 minutes before exposure. Reapply every two hours to dry skin. Store below 30°C / 86°F

When: Any time you're outdoors, exposed to the elements.

Ingredients: organic olea europaea (olive) juice extract, zinc oxide, organic butyrospermum parkii (shea) fruit butter, organic unrefined cera alba (beeswax), avena sativa (oat) kernel flour, polygonum multiflorum root extract, d-alpha tocopherol (natural vitamin e), organic copernicia prunifera (carnauba) wax, aroma (essential oils), rsmarinus officinalis (rosemary) leaf extract, dunaliella salina algae extract.

Reflect Outdoor Balm Q & A:

Q: What does the oat do in the Reflect Outdoor Balm?

A: It helps to soothe and soften the skin and stabilise the formula.

Q: Is the Reflect Outdoor Balm something you could wear underneath your make-up?

A: Yes, certainly.

Q: Can you register with the TGA to be able to claim SPF 29, as the tests indicate?

A: There is a high cost involved in registering with the TGA required infrastructure and additional compliance costs - from an infrastructure view point the set-up would almost be the same for 1 TGA product as 50-100! Also a bit of overkill for cosmetics and food! (TGA = Therapeutic Goods Administration www.tga.gov.au)

Q: Narelle said that the zinc in Reflect Outdoor Balm is micro-fine, but not nanotechnology. Can you please tell me what size the zinc particles are in nanometres?

A: Nanoparticles are defined as being smaller than 100nm. The zinc oxide in reflect is 150nm

Q: What is the % of the zinc oxide in the Reflect Outdoor Balm?

A: It's around 20% zinc oxide.

Please feel free to send any of your product questions into products@onegrp.com



Product Tips

Summer Skin Care

PREPARATION – Keep your skin protected

Reflect Outdoor Balm

Apply Reflect Outdoor Balm generously to skin surfaces exposed to sunlight 20 minutes before exposure. Re-apply every two hours. This product can also be applied under your foundation for everyday protection.

HYDRATION – Moisture is the key to healthy skin

Rose Monsoon

Keep the Rose Monsoon Hydrating Mist handy this summer season. Throw it in your handbag and beach bag to spray over face and neck to keep your skin hydrated (and even cool you down!). Spray over make-up for a dewy complexion. Perfect for rehydrating and invigorating your skin. Perfect for air-conditioned environments, such as offices and on board an aircraft. Holding the bottle at arm's length, spray a gentle mist around the face to cleanse the aura, calm the soul and rehydrate the complexion.

Intensive Body Cream

Use the Intensive Body Cream daily in summer months to moisturise and revitalise. A certified organic intensive to moisturise and revitalise your skin with organic shea butter and the exquisite scent of amber. A concentrated blend of organic avocado and safflower oils, phospholipids, vitamins and antioxidants creates a protective barrier against moisture loss. Actively promotes elasticity and suppleness. Apply after showering or bathing on damp skin.

REPAIR – Take care of damaged skin

Protect Hair Repair

This is definitely a product to keep in your beach bag! Apply to sunburnt skin for instant relief and to your hair to prevent damage and protect from breakage. Containing organic rosehip seed oil which moisturises and softens dry, brittle ends and the organic herbals help rebuild strength and body.

Soothing Skin Conditioner

This is also a product that will help sooth and relieve sunburnt skin. A gentle infusion with organic st john's wort and horsechestnut and essential oils like carrot and chamomile that are known to help calm and soothe skin chapped by the elements. Helps skin feel soothed and softened. **Tip-** keep in the fridge and rub onto sunburn for a cooling after sun treatment.

Enjoy those summer months!



Sunscreens harm coral reefs, say scientists

By Katie Bird

2/12/2008- Ingredients in sun care products may be bleaching coral reefs by promoting viral infections, say scientists at the University of the Marche, Italy.

Organic UV filters and preservatives used in sun care products could contribute to the bleaching of hard-coral if released into natural systems, say the researchers led by Roberto Danovaro.

Coral bleaching refers to the loss of the zooxanthellae algae that live in a symbiotic relationship with the coral.

The algae provided nutrients and energy for the organism by photosynthesis and in return they benefit from a protected environment in which to live and a constant supply of carbon dioxide to use for photosynthesis.

Without the zooxanthellae the coral host eventually dies with negative impacts on the reef ecosystem. Coral bleaching is an increasing problem worldwide and can be caused by unexpected changes in temperature, an increase in UV radiation and pollution.

Danovaro and the team claim that the chemicals found in sunscreen products also lead to coral bleaching, and that the increased number of sunscreen wearing tourists bathing in reef areas represents a significant danger to the health of reef ecosystems.

The team performed in situ and laboratory experiments in Indonesia, Mexico, Thailand and Egypt, supplementing the coral with various compounds found in sunscreen products and measuring the level of bleaching that occurred.

The team found that the addition of sunscreen to the sampling sites, even in very low concentrations resulted in the release of large amounts of zooxanthellae within 18-48 hours and complete bleaching of hard coral within 96 hours.

In order to identify the compounds responsible for the bleaching the researchers tested seven compounds typically present in sunscreens, four of which lead to complete bleaching even at very low concentrations.

"These results suggest that sunscreens containing parabens, cinnamates, benzophenones and camphor derivatives can contribute to hard coral bleaching if released into natural systems," wrote the authors of the study.

Furthermore, the team estimate that 25 per cent of the sunscreen applied to the skin is released in the water over the course of 20 minutes.

Using sunscreen application guidelines released by the FDA, and estimated numbers of tourists visiting coral reef areas, the study claims that a potential 4,000 - 6,000 tons of sunscreen could be released into reef areas per year.

The researchers hypothesize that the compounds induce viral infections that were previously dormant in the coral, leading to the death of the zooxanthellae and its consequent release from the organism.

As the human use of tropical ecosystems and coral reef areas is increasing the impact of sunscreens on coral bleaching will become a worldwide problem, say the scientists.

"Actions are therefore needed to stimulate the research and utilization of UV filters that do not threaten the survival of these endangered tropical ecosystems," they conclude.

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