

How to pick the right sunscreen when you're blinded by choice

December 27 2019, by Katie Lee and Erin McMeniman



Credit: AI-generated image ([disclaimer](#))

There's an enormous variety of sunscreens to choose from. [Major supermarkets](#) each sell more than 60 options. And one large [pharmacy chain](#) sells more than 100.

So how do you choose sunscreen that's right for you?

The big 4 must haves

Sunscreens need to tick these [four major boxes](#):

The sun protection factor, or SPF, should be at least 30, preferably 50. SPF describes how much UV gets to the [skin](#). SPF50 allows just 1/50th (2%) of the UV to reach the skin

Go for broad spectrum protection, which filters the [full UV light spectrum](#). UVB rays (290-320nm wavelengths) are responsible for most sunburn and DNA damage, but UVA rays (320-400nm) also cause DNA damage and accelerate skin ageing

Aim for water resistant formulations, which [stay on longer](#) in sweaty conditions, and when exercising or swimming. But no sunscreen is completely waterproof

Make sure the sunscreen is approved in Australia. Approval from the Therapeutic Goods Administration (TGA) is the final must-have. All sunscreens for sale in Australia must meet the [TGA's requirements](#) and will carry an AUST number on the packaging. They can only contain ingredients from an approved list that have been tested for safety and efficacy. And the SPF, water resistance and broad spectrum action must be established by [testing on human skin](#). Sunscreens bought overseas don't necessarily have these safeguards, so proceed with caution.

Once you've ticked off the big four, you can limit your options by how the sunscreen is delivered, its ingredients, and other factors.

Pump pack, roll-on or spray?

The sunscreen delivery system is more important than you might think.

Sunscreen works best when you [use lots](#)—a teaspoon for each limb, a teaspoon each for your front and back, and a teaspoon for your face and neck.

This is easiest to achieve with pump packs or squeeze tubes. People apply far less sunscreen when they use a [roll-on](#). Spray-on sunscreen is [even worse](#); the TGA recommends you apply [one-third of a whole can](#) for proper coverage.

Look and feel, sensitive skin and kids

Now we get down to the finer choices in sunscreen, and they depend on your personal concerns and preferences. Here are a few common choices.

How to avoiding looking greasy

Greasiness is the most off-putting thing about sunscreen for [many Australians](#).

But there are non-greasy formulations, often marketed as "dry-touch" or "matte finish". These can be comparatively expensive, but worth it if greasiness is your main barrier to using sunscreen.

Your skin may still look shiny immediately after applying it. But it should return to a matte finish within 10-20 minutes as the sunscreen settles into the epidermis, the outer layer of the skin.

How about sunscreen for sensitive or acne-prone skin?

[Sensitive skin](#) is irritated by a wide variety of cosmetics, lotions and fragrances. So, you can use ones marketed as kids' sunscreen because

these tend to be fragrance-free.

You can also choose sunscreens with ingredients such as [zinc oxide or titanium dioxide](#), which [partially reflect and also absorb](#) UV rays.

Those so-called physical blockers are [very unlikely](#) to cause allergic or irritant rashes. But they appear white on the skin, unless you chose an option with nano-sized particles, which are invisible to the eye.

If your skin is prone to acne, [good options](#) are lotions or gels, rather than creams, and products marked oil-free or non-comedogenic.

Sensitive and acne-prone skin is often limited to the face and neck, so it can be cheaper to have a specialist sunscreen for those parts and a cheaper one for the rest of your body.

[Sunscreen allergies](#) are rarer but do affect up to [3% of people](#). They're generally caused by a single sunscreen component, usually preservatives or fragrances. A dermatologist can patch test individual ingredients, which you can then avoid by checking labels.

What's the best sunscreen for my kids?

[Parents worry](#) about the effects of both UV exposure and chemical exposure. And of course, small children can be pretty anti-sunscreen.

All Australian sunscreen chemicals are approved by the TGA and are [recommended for daily use](#), even on kids. Plus, many kids' sunscreens are made with [sensitive skin](#) in mind, because skin sensitivity is [more common in young children](#). If your child doesn't have [sensitive skin](#) (skin that reacts with itching or burning sensations to a wide range of body care products), adult sunscreens are fine too.

However, [babies under six months old](#) need a physical blocker [sunscreen](#)

.

What not to do

The [Cancer Council](#) and the [TGA](#) strongly recommend against homemade sunscreens.

Natural oils and other ingredients promoted in recipes found online generally have [a low SPF](#). And, as they have not been tested for causing irritation, can react unpredictably with the skin.

[Cosmetics that contain sunscreen](#), such as lipstick or foundation with an SPF rating, are not regulated as tightly as regular sunscreens in Australia.

Cosmetics with an SPF 30 or higher can have good protection [when you first apply them](#). But like regular sunscreens, they need to be reapplied throughout the day. That's not something we usually do, unless you're going for the caked-on look.

This article is republished from [The Conversation](#) under a Creative Commons license. Read the [original article](#).

Provided by The Conversation

Citation: How to pick the right sunscreen when you're blinded by choice (2019, December 27) retrieved 18 April 2024 from

<https://medicalxpress.com/news/2019-12-sunscreen-youre-choice.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--