

Why should I protect myself?

One itchy bite is not that bad but in summer it can quickly become several bites. We tend to scratch itchy bites. Leaving a painful, bleeding, sometimes suppurating wound (tip: Apply Neo-Ballistol house-hold remedy after the bite, it relieves itching). However, the pests pose an even greater threat: mosquitoes and ticks can transmit dangerous diseases (e.g. TBE, Lyme disease, babesiosis, anaplasmosis, dengue fever, yellow fever, Zika virus, malaria, etc.).

How can I protect myself?

Protection with Stichfrei from BALLISTOL is very simple. The mosquito and tick protection is available in different versions for your whole family.

As a preventive measure, you can wear long, thicker clothes. Mosquitoes like sweet perfume, don't use it. Taking a cold shower to minimise the smell of sweat, however, only helps for a short time on warm summer days. After you have spent time outdoors in nature, search your whole body for ticks. Do not spend time in high grass or undergrowth, if possible. Minimise the risk with Sting-Free! Annoying pests will soon be a thing of the past, as will bites or unpleasant itching.



Minimise your risk.

What does the colour of the tick tell us

Most ticks look black to red on skin. But what about white ticks? Are they more dangerous? Not in Europe. Hedgehog ticks or the larvae of the common wood-buck can look whitish here. What is certain: remove the tick as quickly as possible and monitor the puncture site for changes over a longer period of time. If you are unsure, it is advisable to consult a doctor.

Existence of ticks:

More than 900 tick species are known worldwide, distributed among the families of hard and soft ticks. Hard ticks are the most common type of tick. Best known representative in Germany: the common woodbuck but also Auwald tick, hedgehog tick, brown dog tick and occasionally Hyalomma tick (tropical giant tick).

TBE: According to estimates, 0.1% to 5% of ticks carry the virus. Vaccination is recommended in risk areas as well as for people who are professionally at risk.

Lyme disease: Very strong fluctuations are possible in small areas, up to 30% of ticks carry the bacteria. There is currently no vaccine available. Early removal reduces the risk of disease.

Some tick facts:

1. Ticks are survival artists (can live up to 10 years old, can be under water for up to 3 weeks, at -12 °C in the freezer, in the wash at 40 °C for 24 hours and survive up to 10 days in your home).
2. Ticks are active almost all year round. They become active when the ambient temperature exceeds 7 °C over several days.
3. Ticks love a humid environment. There is therefore an increased risk after a rain shower.
4. Ticks, on the other hand, cannot jump or fall from trees. They do not climb higher than 1.5 metres. However, some tick species actively crawl towards people.



Existence of mosquitoes:

There are about 3,500 species of mosquitoes worldwide. Non-native species also feel at home in Europe and Germany. Five invasive mosquito species were found here (e.g. Asian tiger mosquito, Asian bush mosquito) more than 15 years ago. For us people this is unfortunately not completely harmless, because they may be infected with pathogens and transfer these to us during the biting process.

Why do mosquitoes bite?

Only female mosquitoes bite. They need a protein-rich diet by sucking blood to mature their eggs. Otherwise mosquitoes feed on plant juices that contain sugar.

What attracts mosquitoes?

The mosquito finds its way to its destination attracted by the scent of exhaled carbon dioxide and our body scents. A bite can become something quite unpleasant. Although severe injury occurs due to the bite itself in very few cases, the allergic reaction can be annoying and possibly painful due to the transferred saliva. The consequence: hives in conjunction with itching.



Your protection against mosquitoes and ticks for the whole family

Ballistol Stichfrei®, Stichfrei® Kids and Stichfrei® Animal protect you, your children and your four-legged companion reliably and effectively against possible pests. Proven protection with skincare properties and a pleasant fragrance. Dermatologically and allergologically tested on people (source: www.ballistol.de) and rated very good

All products can be found on: www.ballistol.eu

BALLISTOL – The brand for people, animals and all things mechanical.



IT WORKS.

[f/ballistol](https://www.facebook.com/ballistol) | [ig/ballistol_de](https://www.instagram.com/ballistol_de) | [YouTube /BALLISTOL](https://www.youtube.com/channel/UCBLLISTOL)



art.no. 29409

Your dealer:

UNIVERSAL OIL | STING-FREE | BODY CARE | ANIMAL CARE



IT WORKS.



STING-FREE
MOSQUITO REPELLENT



STING-FREE MOSQUITO REPELLENT

Area of application: Protects against gnats, ticks, and horseflies as well as tiger mosquitoes, mosquitoes, mopane flies, tsetse flies, sand flies and sand fleas.

Protection lasts: up to 8 hours (for ticks up to 4 hours)

Active ingredient: Combination of 20% icaridine (very well tolerated repellent) and natural, essential oils.

Advantages:

- Highly effective protection due to unique combination of active ingredients
- Pleasant fragrance and cooling effect
- Dermatologically and allergologically tested and rated as "Very Good" (Source: www.ballistol.de).
- Suitable for long distance travel and the tropics
- Tested and recommended by Riverboat Doctors for protection against malaria in Gambia
- Contains essential oils with skincare properties
- Can also be used during pregnancy or while breastfeeding

Reg. no.: N-107649

Note: Sting-Free is not suitable for children under 2 years. Avoid contact with eyes or mucous membranes. Do not apply onto open wounds. Do not spray on plastic materials. Alcohol may make colours fade. May cause allergic reactions (contains D-limonene, linalool, bergamot and grapefruit oil).

STING-FREE SENSITIVE MOSQUITO REPELLENT

Area of application: Protects allergy sufferers with sensitive and allergic skin against mosquitoes, ticks and horseflies. Also suitable for people with contact allergies and asthma sufferers.

Protection lasts: up to 6 hours

Active ingredient: approx. 9,8% icaridine (very well tolerated repellent)

Advantages:

- Free from essential oils, fragrances, colourants, flavourings and preservatives
- Tested and recommended by the German Allergy and Asthma Association (Deutscher Allergie- und Asthma-bund e.V., DAAB)
- High-quality, easily degradable ingredients
- Very mild, barely noticeable fragrance
- Feels very pleasant and lightweight on the skin; not sticky
- Doesn't leave behind any stains on textiles
- Can also be used during pregnancy or while breastfeeding

Reg. no.: N-86647

Note: Sting-Free is not suitable for children under 6 month. Avoid contact with eyes or mucous membranes. Do not apply onto open wounds.

STING-FREE KIDS MOSQUITO REPELLENT

Area of application: Protects against mosquitoes, ticks and horseflies. Especially suitable for infants from 2 months, during pregnancy or while breastfeeding as well as for sensitive skin.

Protection lasts: up to 8 hours

Active ingredient: 10% IR3535 (extremely gentle repellent)

Advantages:

- Especially kind to skin
- Lotion with pleasant peach fragrance
- Dermatologically and allergologically tested and rated as "Very Good" (Source: www.ballistol.de)
- Absorbs quickly into skin and supplies it with additional moisture

Approval no.: DE-0013355-19, AT-0023739-0000, IT/2020/00698/AUT

Note: Avoid contact with eyes or mucous membranes. Do not apply onto open wounds.

STING-FREE ANIMAL MOSQUITO REPELLENT

Area of application: Protects against ticks (Ixodes ricinus), mosquitoes (Simulium spp.) and even horseflies (Tabanus spp., Haematopota spp.).

Protection lasts: up to 7 hours

Active ingredient: 20% IR3535 (tried and tested repellent)

Advantages:

- Pleasant fragrance
- Dermatologically and allergologically tested and rated as "Very Good" (Source: www.ballistol.de)
- Protects and cares for the animal's skin

- Preventative protection against sweet itch
- Not covered by the general doping guidelines
- Recommended by vets
- No known side-effects

Approval no.: DE-0013962-19/
Germany

Note: Avoid contact with eyes or mucous membranes. Do not apply onto open wounds.



Use Sting-Free safely! Note labeling and read product information before use.



Product name	Sting-Free	Sting-Free Sensitive	Sting-Free Kids	Sting-Free Animal
Special features	• Suitable for the tropics • Pleasant smell • With cooling effect	• Especially suitable for allergy sufferers • Without fragrances, colours and preservatives	• Especially suitable for small children • Very skin friendly • Lotion	• For horses and dogs • Pleasant scent • Skin and coat caring
Protection lasts	8 hours	6 hours	8 hours	7 hours
Active ingredient	20 % Icaridin	approx 9,8 % Icaridin	10 % IR3535	20 % IR3535
Fragrance	Citrus	hardly noticeable	Peach	Citrus
Contains essential oils	yes	no	no	yes
Age recommendation	from 2 years	from 6 months	from 2 months	/
Absorbs quickly into the skin	yes	yes	yes	/
Dermatologically tested	Dermatest	Dermatest and DAAB	Dermatest	Dermatest

Comparison within the indicated Ballistol Sting-Free products intended for use on humans (except Sting-Free Animal for animals).

