

nano-ex

The effective
removal of
nanoparticles
from the
skin



Greater safety
for employees
in nanotechnology



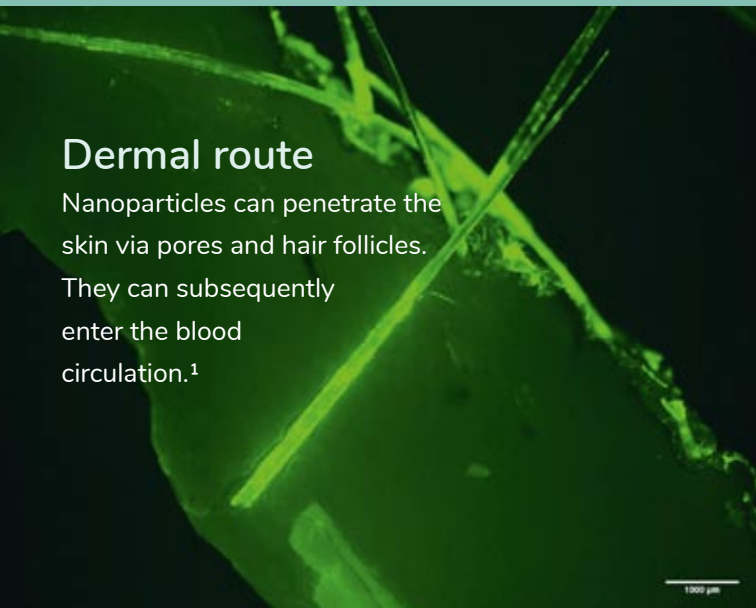
DERMAPURGE

How do nanoparticles enter the body after dermal exposure?

Dermal route

Nanoparticles can penetrate the skin via pores and hair follicles.

They can subsequently enter the blood circulation.¹



Oral route

Proper cleansing after dermal exposure prevents ingestion by carry-over contamination.²



1. S. Nafisi, H. Maibach, 2018, doi:10.1016/B978-0-323-40016-9.00003-8

2. John W. Cherrie et. al. 2006, <https://doi.org/10.1093/annhyg/mel035>

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Universitätsklinikum
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Three simple steps to
greater safety for employees
in nanotechnology.



Open



Apply



Wash



Protect your most valuable resource – your employees!



Protection against penetration of nanoparticles into the skin
nano-ex reliably removes more than 99% of nanoparticles from the skin.



Protection against subsequent contamination
nano-ex prevents risks from contamination carry-over.



Ready-to-use
nano-ex can be applied immediately after an accident at work.



Thorough Cleaning
A color indicator shows when particles have been removed from the skin successfully.



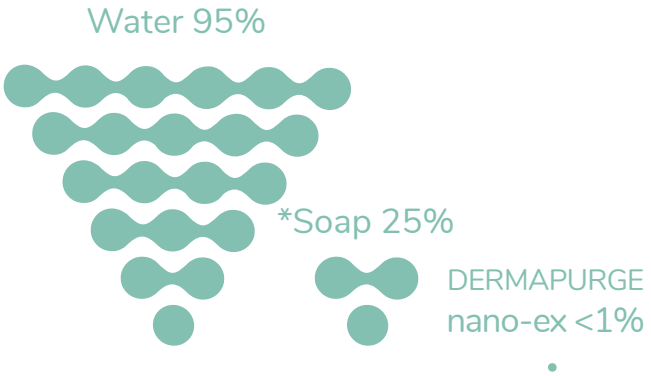
Skin tolerable
Our patented formula was developed with skin-compatible components in cooperation with dermatologists.

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Protect your most
valuable resource
– your employees!

Performance comparison

How many nanoparticles remain on the skin
after cleansing?



***ATTENTION:** Soap reduces the barrier function of the skin and is therefore unsuitable for removing nanoparticles from the skin. Neither soap nor water are therefore suitable solutions to ensure occupational safety in nanotechnology.

nano-ex offers the best possible protection if nanoparticles accidentally contaminate the skin.

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nano-ex is available from
January 2021

Contact us.

We will inform you in time.



DERMAPURGE

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