



August 30, 2022

Dear Customers

Sakai Chemical Industry Co., Ltd.

**The FighZinc series of zinc oxide for antibacterial and antiviral applications has passed the safety standards required to obtain the SIAA and SEK marks**

We have confirmed that our FighZinc series of zinc oxide for antimicrobial and antiviral applications have the following capabilities.

We will continue to contribute through chemistry to the creation of a society where people can live with peace of mind.

1. Overview

The COVID-19 pandemic has greatly heightened public awareness of hygiene, and the market for hygiene products is expected to expand further. We have developed zinc oxide, which has been used as an auxiliary agent for antimicrobial products for some time, into the new "FighZinc Series" brand, and have been working to improve the products. We have now confirmed that our customer's antimicrobial and antiviral products made using our products have the capabilities to meet the safety standards required to obtain both the SIAA mark and the SEK mark\* certifications. Thanks to this, you no longer need to obtain safety data for our FighZinc series of zinc oxide when considering materials, which enables you to develop antimicrobial and antiviral products more quickly and smoothly.

\* These marks certify that the product has antibacterial and antiviral functions. SEK is for functional fibers. Please see here for details. ([About SIAA](#) [About SEK](#))

2. Institutions and safety tests that have confirmed the effectiveness of our products

1) Tests implementing agency

- Drug Safety Testing Center Co., Ltd.

2) Safety test details

- Acute oral toxicity test [TG420]
- Acute skin irritation test [TG404]
- Bacterial reverse mutation test [Ames Test]
- Skin sensitization test [GPMT Method]

3. Contact for inquiries related to this matter

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