



# SAKAI CHEMICAL INDUSTRY CO., LTD.

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## COMPANY OVERVIEW

Sakai Chemical Industry Co., Ltd. is a Japanese materials manufacturer with over 100 years of history, specializing in inorganic-material-based technologies.

Our strategic focus covers three business domains: Environment & Energy, Electronics, and Life Science & Healthcare.

In the Environment & Energy field, we develop materials for hydrogen production and carbon-neutral technologies, leveraging our expertise in inorganic materials, particle synthesis, and carrier design.

## OUR PRODUCTS AND SERVICES

- Iridium-Saving PEMWE anode catalyst
- PGM-free Ni-based AEMWE anode catalyst
- High-activity and high-durability Ni-based methanation catalyst
- Cr-free Cu-based hydrogenation and methanol-synthesis catalyst



Catalyst Powder (Example)

## WE OFFER

- Advanced catalysts for water electrolysis, CO<sub>2</sub> conversion, and other carbon-neutral applications
- Scalable manufacturing and joint development
- Core expertise in particle synthesis and catalyst design

## WE ARE LOOKING FOR

- Electrolyzer, CCM/MEA, and membrane manufacturers
- Energy utilities and gas companies for hydrogen and e-fuels
- EPCs and engineering companies for hydrogen and other hydrogen-utilizing chemical product plants
- Partners for catalyst evaluation and co-development