

HOW DO YOU INNOVATE FASTER AND WITH MORE CONFIDENCE?



To be competitive amidst changing markets, personal and home care companies require actionable insights on external players, products and technologies that will solve consumer problems, provide delight and convenience, ensure safety, and decrease environmental impact.

For companies in the Personal and Home Care industries, long-term growth requires:

- **DISCOVERING WAYS TO COMBINE INNOVATIVE FORMULAS AND CONSUMER-ORIENTED PACKAGING DESIGN** to increase product efficacy and serve a diverse consumer base
- **KEEPING UP WITH EMERGING TECHNOLOGIES, CONSUMER SAFETY NEEDS AND ENVIRONMENTAL RESEARCH**, such as those related to new materials, ingredients and processes
- **EFFECTIVELY LEVERAGING OPEN INNOVATION AND CROSS-INDUSTRY COLLABORATIONS** to develop breakthrough products, applications, processes and technologies
- **CONTINUALLY IMPROVING QUALITY, SUSTAINABILITY AND EFFICIENCY OF PROCESS AND PACKAGING SYSTEMS** through new technologies, materials and techniques
- **AND MORE...**



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Introducing **ILLUMIN8**, a web-based research tool that enables product and partnering decisions as you explore new technologies, products and markets.

RESEARCH TECHNOLOGIES

such as Nanotechnology

- illumin8 highlights articles and patents on the use of nanotechnology in sunscreen and other cosmetic products, revealing potential problems and benefits with known approaches
- illumin8 uncovers how nanoemulsions, which are used for pharmaceutical and biomedical aids and vehicles, can be beneficial if used for cosmetics but may cause challenges such as unpleasant odor when stored or stickiness when applied to skin

RESEARCH PROCESSES *such as*

Encapsulation

- illumin8 highlights research and patents that show how product applications of encapsulated ingredients can be used for the treatment or prevention of skin conditions like skin wrinkling, sagging and damage, or for routine skin care
- illumin8 reveals several organizations and experts focused on enhancing the application of encapsulation for cosmetic products, including those that address such challenges as sensitization and odor or flavor transitions.

RESEARCH MATERIALS *such as*

Bio-based Plastics

- illumin8 highlights how certain bio-based plastics are preferable for health and safety reasons and others from an environmental perspective, revealing how starch, PLA, and PHA polymers are generally preferred over other options
- illumin8 reveals insights on cross-industry applications of bio-based plastics, as well as recent research initiatives and partnerships between proprietary suppliers of bio-plastics and packaging products to deliver sustainable packaging solutions to the cosmetics industry

USE ILLUMIN8 TO:

- Discover new technologies, materials and processes for product development.
- Uncover new applications and markets for existing technologies.
- Identify leading experts and competitors in unfamiliar markets.
- Find potential partners and suppliers for bringing new ideas to market.
- Understand potential risks and benefits of new approaches or entering new markets.

ENTER A RESEARCH TOPIC AND
ILLUMIN8 LETS YOU VIEW AND SHARE
YOUR RESEARCH RESULTS:



EXPLORE

Trends and Opportunities



EVALUATE

Technologies and Methods



COMPARE

Products, Organizations and Approaches



REPORT

Findings and Insights

ILLUMIN8 uses semantic search technology to “read” from a breadth of content sources:

NEWS AND WEB

Billions of web pages and 1000+ online business, technical and trade news sources

JOURNALS AND ABSTRACTS

5 million+ scientific and technical articles and 40 million+ scientific records from Elsevier and 5,000+ publishers

PATENTS

24 million+ patents from 5 patent offices worldwide (WIPO, US, European, UK and Japan)

*Disclaimer: illumin8 is continually updating its content database. Results described here are therefore subject to change

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