

Evonik highlights sustainable solutions at ABM Week 2024

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Evonik reinforces its commitment to sustainable chemistry by presenting innovations for the mining sector

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Evonik, a world leader in specialty chemicals, will be present at the 2024 edition of ABM WEEK, the largest technical–scientific event in Latin America in the fields of metallurgy, materials, and mining, to take place from September 3–5 at Pro Magno Centro de Eventos, in São Paulo (SP). The company’s highlights in this edition will be its solutions that combine high performance, low toxicity, and sustainability, thus demonstrating its commitment to ‘green’ chemistry.

Commitment to sustainability

Evonik’s biosurfactants, like AROSURF® SR 1975, will be presented as examples of products that not only provide high performance but also reduce the environmental impact. “These biosurfactants are so gentle that they are used in products such as face makeup and even toothpaste. Yet in mining these same gentle materials have been tested as flotation boosters and the results showed that they contribute to improving the recovery of essential minerals and the quality of the concentrate, thus facilitating the transition to a low–carbon economy”, says Raymond Pieternella, Global Marketing Director at Evonik.

Interaction with the public and technical presentation

During the event, Evonik will also encourage direct interactions with the public at its booth, where samples of products and informative materials will be available. Evonik will bring samples of its REWOFERM® SL 446 (sophorolipid) and AROSURF® SR 1975 (rhamnolipid) biosurfactants. In addition to standing out for their superior performance and extremely low toxicity, they are readily biodegradable, which reinforces Evonik’s focus on sustainable solutions for the mining industry. Another product to be shown is TOMAMINE® M-3513, known for its fast interface dynamics, which is ideal for processes that demand efficiency, lower amine usage and lower silica in reverse iron ore flotation.

In addition, Cristiano Sales, Technical Coordinator for Mining Applications, will give a lecture entitled “Sustainable Foamers for Improved Zinc Silicate Flotation Performance”, showing how Evonik’s biosurfactants have been effective in improving recovery and quality of mineral concentrate while maintaining the focus on sustainability and operating efficiency.

A consolidated presence in the mining market

Evonik reinforces its prominent position in the mining market, where it leads in cationic collectors for reverse iron one flotation. The company has been expanding its offer of high-performance chemical products for several applications, from mineral processing to dust and drainage control, always with a strong commitment to innovation and sustainability.

For more information on Evonik’s solutions for the mining industry, please visit our website www.mining-surfactants.com.

Service

ABM WEEK 8th edition

When: September 3–5, 2024

Where: Pro Magno Centro de Eventos

Address: Av. Professora Ida Kolb, 513 – São Paulo – SP

Evonik booth: N° 46

Information: <https://www.abmbrasil.com.br/por/evento/abm-week-8-edicao>

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €15.3 billion and an operating profit (adjusted EBITDA) of €1.66 billion in 2023. Evonik goes far beyond chemistry to create innovative, profitable, and sustainable solutions for customers. More than 33,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Nutrition & Care

The focus of the business of the Nutrition & Care division is on health and quality of life. It develops differentiated solutions for active pharmaceutical ingredients,

medical devices, nutrition for humans and animals, personal care, cosmetics, and household cleaning. In these resilient end markets, the division generated sales of €3.61 billion in 2023 with more than 5,600 employees.

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