

## Evonik to present solutions for the mining industry at ABM WEEK 2023

July 20, 2023

The business line offers a wide range of solutions, technical training, and application knowledge gained from over 40 years of experience in the industry worldwide.

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Evonik will be present at another edition of ABM WEEK, one of the most important tradeshows in Latin America in the fields of metallurgy, materials, and mining, to take place from August 1-3 at Pro Magno Centro de Eventos, in São Paulo (SP).

As a global leader in collectors for cationic reverse flotation of iron ore, Evonik now also offers its high-performance chemicals to the Brazilian mining industry.

Evonik's solutions for this sector are part of the **Technical Applications** product line, which includes a broad array of organic specialty surfactants such as ether-monoamines and ether-diamines, quaternary ammonium compounds, imidazolines, and amphoteric substances. The company also offers cationic and non-ionic surfactants for applications in industrial markets that can function in various ways, e.g., in hydrophobization and emulsification solutions.

Our broad product offering, technical assistance, and application knowledge allows us to meet the needs of various areas of the industry, such as mining and mineral processing, oil fields, and chemical processing. Among the main applications of this product line are flotation products, dewatering aids, foam control agents, anti-cake, and emulsifiers for explosives and dust control.

"Evonik's more than 40 years of experience in supplying high-performance chemicals to the mining industry has given the company an important global reach. Today we are present in all major mining regions, providing local support to our customers to help them improve their performance and optimize the value of their products. And this will be the excellence that we will also

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extend to our Brazilian customers,” says Adriana Veríssimo, Business Manager at Evonik in Brazil.

### **High-performance specialties**

Evonik produces a variety of high-performance chemicals that have been used in hematite and magnetite mines across the globe. Among these specialties are ether-amines, essential agents in iron ore beneficiation processes. Evonik also offers tailor-made formulations to optimize mass and metal recovery, foaming level and degree of concentration.

For phosphate reverse flotation, Evonik develops specific reagents that provide equivalent or superior performance by using a lower collector dosage than competing traditional chemicals still in use in the market. And in the case of potash ore flotation, our formulations, which can also be tailor-made, help control the foam and concentrate contents. In addition to mineral collectors, Evonik also offers a range of anticaking additives for the potash industry.

Evonik’s cationic collectors are also used in the beneficiation of many other minerals to improve the plant recovery efficiency. Some of them are zinc, carbonate, feldspar, glass sands, silica, barite, wollastonite, niobium, copper, among others.

In addition to the aforementioned solutions, Evonik also produces dewatering aids, which assist in the filtration of concentrates and tailings by reducing cake moisture.

For more information on all products for the mining industry, please visit our dedicated website: <https://www.mining-surfactants.com/>

### **76<sup>th</sup> ABM Annual Congress – International**

During ABM WEEK 2023, Evonik experts will present scientific papers at the 76th Annual Congress, held by the Brazilian Association of Metallurgy, Materials and Mining:

#### **“Flotation kinetics of iron ore collectors”**

08/01, 11:05 a.m., Room 5

Cristiano Sales, Technical Coordinator Mining Application  
**“Improved tailings flotation performance by adjusting amine parameters”**

08/01, 12:20 p.m., Room 5

Jane Blasser, PhD, Global Manager Mining Application 9

### **ABM WEEK 7<sup>th</sup> edition**

**When:** August 1 to 3, 2023

**Where:** Pro Magno Centro de Eventos

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

**Evonik booth:** 57

**Information:** <https://www.abmbrasil.com.br/por/evento/abm-week-7-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 €18.5 billion and an operating profit (adjusted EBITDA) of €2.49 billion in 2022. Evonik goes far beyond chemistry to create innovative, profitable, and sustainable solutions for customers. About 34,000 employees work together for a common purpose: We want to improve life today and tomorrow.

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