

News Release

P329/23e
October 17, 2023

BASF introduces two new flotation reagent brands for the mining industry

- **Launch of new product brands Luprofroth™ and Luproset™ driven by the fast-paced growth of BASF's flotation portfolio**
- **New brands will complement the existing and well established Lupromin® portfolio**

BASF mining solutions is excited to announce the launch of its two new product brands: Luprofroth™, for our growing frothers portfolio, and Luproset™, tailored for flotation modifiers. In recent years, BASF's flotation business has expanded from niche applications to a broad range of flotation solutions. By introducing two distinct brands for frothers and modifiers, BASF can now communicate its flotation portfolio in a clear and consistent way. This reinforces our commitment to continuous innovation and marks a major step towards becoming a full solution provider for the mining industry.

The launch of the Luprofroth brand comes with the introduction of a brand-new range of sulfidic frothers carefully formulated to enhance the overall flotation circuit performance. Graeme Stewart, Sulfide Flotation Specialist for BASF, explains, "Our new sulfidic frother portfolio comes with a wide spectrum of products suitable for diverse process conditions, such as bubble size, bubble coalescence, presence of fine and coarse particles, induction time and froth stability. A key feature of the new range is its enhanced EHS profile, with lower toxicity and ecotoxicity values and reduced flammability risks, which are often major concerns for our customers."

The Luproset portfolio consists of multiple innovative technologies designed to improve mineral recovery, maximize concentrate grades, and reduce reagent consumption with clear downstream benefits. “Because BASF recognizes the challenges and transformation in the mining industry, our priority is to develop solutions that enable our customers to achieve more with less. An example I particularly like is the Gold Activator Luproset A 1127, an innovative technology that improves gold recovery at low dosage rates,” says Benjamin Hepe, Head of Global Segment Flotation, BASF Mining Solutions.

One of the key advantages of Luprofroth and Luproset is BASF’s extensive integrated chemical value chain. As a result of the backward integration, along with BASF’s global scale operations, we are able to utilize resources more efficiently and expand our mining portfolio continuously through innovation.

Caren Hoffmann, Vice President Mining Solutions for BASF, adds, “I am very excited about the launch of the new brands, it sets a consistent base that will enable us to continue growing our flotation business for frothers and modifiers alongside our collectors. Our team is constantly working on the development of new technologies, and we expect to advance further in this field with the expansion of a dynamic pipeline.”

Learn more about BASF flotation reagents by visiting our website at www.mining-solutions.basf.com

About BASF mining solutions

With innovative products, global field support and industry leading technical expertise, BASF mining solutions provides sustainable solutions which increase productivity, recovery, and flexibility throughout the hydrometallurgical process of mining operations in leaching, solvent extraction, flotation, solid/liquid separation, and tailings management. Further information can be found at www.mining-solutions.basf.com.

BASF mining solutions is part of BASF’s Performance Chemicals division. The division’s portfolio also includes fuel and lubricant solutions, plastic additives, as well as oilfield chemicals. Customers from a variety of industries including Chemicals, Plastics, Consumer Goods, Energy & Resources and Automotive & Transportation benefit from our innovative solutions. To learn more, visit www.performancechemicals.basf.com

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. Around 111,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €78.6 billion in 2021. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at www.basf.com.