

News Release

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BASF introduces Enable™ FCC additive for superior performance in emissions and regenerator afterburn control

- **Enhanced activity and improved economics via controlled precious metal - oxygen interaction**
- **Better sustainability via wider regenerator operability window for emissions control**
- **Optimized durability via support surface morphology modification**

Today BASF announced the commercial launch of Enable™, its next-generation Carbon Monoxide (CO) promoter additive. Enable significantly enhances activity and delivers superior performance for refiners with more efficient use of precious metal. Enable optimizes durability via support surface morphology modification and the combination of differentiating design features offers customers significant performance improvement in controlling regenerator afterburn.

“Enable is the latest addition to BASF’s industry-leading, advanced refinery additives portfolio,” said Detlef Ruff, Senior Vice President, Process Catalysts at BASF. “We are excited about how this new technology will support our customers by enabling environmental compliance with a cost-effective solution.”

“Building on BASF’s experience from automotive emissions compliance applications, we are proud to introduce this innovative Pt-based technology solution into our refining segment,” said Jim Chirumbole, Vice President, Refining Catalysts at BASF. “Refiners are under pressure to deliver more with fewer resources. Enable

accomplishes just that, combining economic and environmental benefits with better CO conversion at lower addition rates and a more efficient use of precious metals.”

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About BASF's Catalysts Division

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success. Further information on BASF's Catalysts division is available on the Internet at www.catalysts.basf.com.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. More than 110,000 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 is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €59 billion in 2020. 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.