

## Chemium and Valsynthese collaborate in the field of Grignard reagents production with Mg<sup>Flow</sup>® Technology

23.11.2023 - Louvain-la-Neuve (BE)-Gamsen/Brig (CH) –Belgium based Chemium srl and Swiss Fine Chemical manufacturer Valsynthese SA have entered into a Manufacturing Services Agreement, by which Valsynthese will host Grignard Reagents production units based on Chemium's proprietary Mg<sup>Flow</sup>® Technology. Mg<sup>Flow</sup>® is a groundbreaking continuous flow process designed especially for the safe manufacturing of Grignard reagents. Thanks to exceptional temperature control and innovative mixing, infamous reaction runaway risks, typical of Grignard reagents synthesis are eliminated. Limited reaction volume further reduces the process safety concerns inherent to Grignard batch production. Moreover, integrating online QC tools and comprehensive automation, Mg<sup>Flow</sup>® units are easily operable and require minimum human monitoring or intervention.

Chemium will commercialise ready-to-use Grignard Reagents through its Swiss subsidiary Chemium (CH) SA, whilst the parties intend to cooperate in offering integrated solutions around the Grignard Chemistry.

*Luc Reginster (CEO - Chemium srl): The strong increase in demand for customized Grignard reagents prompted us to look for a manufacturing partner. With Valsynthese, we have found the ideal partner to supply our customers with products based on our Mg<sup>Flow</sup>® technology. We very much appreciate the pragmatic and flexible cooperation.*

*Max Lauwiner (Senior Vice President - Valsynthese): Grignard-Chemistry is an integral part of our technology offering in the area of high-energetic chemistry. With the cooperation with Chemium, we have created an excellent basis to offer customers Grignard reactions in our plants by means of safe and leading flow technology. We are very pleased to be able to work with Chemium and combine the strengths of both companies.*

**About Chemium** - Chemium srl is a ChemTech company that uses the latest advances in Flow Technologies and Data Sciences to focus on efficiency in chemical industry practices. The company also offers and manufactures Grignard reagents and develops heterogeneous catalysts for olefin polymerization. Chemium was founded in 2015 and is based in Louvain-la-Neuve near Brussels, Belgium.  
[www.chemium.com](http://www.chemium.com)

**About Valsynthese** - Valsynthese SA is a company that specializes in custom synthesis and contract manufacturing for the chemical and pharmaceutical industries. It is based in Gamsen - Brig, Switzerland, and is part of the SSE Group, which has a long history of working with hazardous and high-energy chemicals. Valsynthese produces a range of advanced intermediates and active pharmaceutical ingredients under ISO and cGMP certification.  
[www.valsynthese.ch](http://www.valsynthese.ch)