

## **RSC Speciality Chemicals Symposium 2009: Catalysts for Change**

### **NanoSelect™ Catalyst Manufacturing Technology Introducing the First Lead-free Replacements for Lindlar catalysts**

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The presentation focuses on the novel patented BASF NanoSelect™ manufacturing technology. In detail, the presentation will cover how this innovative technology leads to the development of the world's first lead-free replacements for Lindlar catalysts. In addition, the use of these catalysts, e.g. in the highly selective partial hydrogenation of alkynes to cis-alkenes will be discussed. Concluding, the unique benefits of the NanoSelect catalysts will be highlighted including the significant lower metal content of these catalysts which lead to highly cost effective hydrogenation processes.