

ADVANCED PROCESS SOLUTIONS

## Mixing Basics - Part 1 Homogenization



"Blending miscible liquids is easy" – well, not always, as we will show in this webinar. If you know about the challenges and with suitable equipment at hand - it should become very easy...



February 2, 2023



3.00 - 3.45 pm (CET)



## Homogenization of miscible liquids

- Blend time & power consumption
- Turbulent blending
- Blending in the intermediate range
- Blending at high viscosities up to 1.000.000 mPas
- Scale-up of processes focusing homogenization

## **Objectives**

In this first event of a series on mixing tasks we will focus blending and homogenizing – this is very relevant for the majority of agitated reactors all over process industry. We will give insight into how blend times are determined for different mixing equipment in different media. We will provide information on the efficient design of corresponding mixing setups. Finally, we will show how to use calculation methods and valuable tools in order to guarantee a safe scale-up to commercial..

## **Target Group**

General managers, process engineers, R&D specialists, production managers, buyers, project managers as well as anyone interested in process development, equipment engineering and production improvement.

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