



# Process & Product Safety Laboratory

**Interested? Contact us!**  
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#### Your benefit

- Experts for process safety and process development
- Long lasting experience in chemicals and fine chemicals
- Since 25 years certified according to the principles of "good laboratory practice (GLP)"
- Situated in the Industrial Park Hoechst

#### Our service offer

- Safety characteristics
  - Chemical reactions
  - Thermal stability
  - Combustion and explosion behavior
  - Auto-ignition behavior
- REACH according to
  - Regulation (EC) no. 440/2008,
  - UN Manual of Tests and Criteria,
  - OECD guidelines.
  - Preparation of statements
- Classification according to
  - GHS and CLP Regulation,
  - UN Manual of Tests and Criteria,
  - UN Model Regulations.
  - Preparation of statements

## Safe chemical operation depends on deep knowledge

We offer physico-chemical studies necessary for the safe handling of chemicals and the safe operation of chemical plants. With a modern laboratory of over 800 square meters we support all phases of the life cycle of substances and mixtures.

Screening tests are performed for research and development topics. For registration and classification for the handling and transport standardized test are applied. The safe operation of chemical plants require often more sophisticated experimental methods for meaningful safety characteristics and concepts.

#### Investigation of safety characteristics

Only safe processes are profitable processes. Knowledge of safety parameters is the basis. We use resource-saving screening methods and perform, if necessary, extensive full tests. Individual test setups? - No Problem! We are also fully prepared for the examination of pharmacologically active and toxic substances and CMR substances thanks to our modern laboratory equipment.

#### Determination of physico-chemical data for REACH registration

For the preparation of meaningful registration dossiers, we offer the determination and evaluation of physico-chemical properties according to international regulations / guidelines as well as the creation of IUCLID files.

#### Classification of hazardous substances and dangerous goods

Chemical substances and mixtures have to be classified as hazardous materials before they can be placed on the market and classified as dangerous goods according to their dangers before they can be transported. In our laboratories, we carry out the physico-chemical measurements to classify your substances and mixtures for you.

