Operating instruction

Blank form

Supplementary item No 2
### Operating Instruction - Blank Form

**NR: XXX**

**Working Area:**
- City xxx,
- Laboratory area xxx

**Activity:** Describe activity where you generate or handle nanoparticles

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## Description of Hazardous Material

**Chemical name**

NAME XXX (mixture or modification: short description of composition)

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## Risks to Human Health or the Environment

- Describe hazardous properties here (Toxic? Explosive?...)
- ...

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## Protective Measures and Rules of Conduct

- **Hand Protection:** type of glove and usage hints
- **Eye Protection:** type of eye protection
- **Body Protection:** type of body protection, for instance laboratory coat...

**Rules of Conduct:**

- Describe protection strategy (occupational safety and health measures) here, for instance:
- The general hygiene measures for laboratories and the operating introductions for the laboratory area xxx have to be followed (do not eat or drink...).
- Avoid dust generation.
- Activities, where dust generation cannot be avoided, are performed within the glove box.
- Before starting work, carry out a tightness test of the facility according to the respective standard operation procedure “xxx”.
- Handle nanomaterials only, while the ventilation system is switched on.
- Avoid the formation of explosive dust-air-mixtures (at concentrations of > 500 g/m³).
- The laboratory coat shall be changed and stored in the laboratory only.
- ...

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## Behaviour in Case of Emergency

- Describe behaviour in case of emergency here, for instance:
- Ensure adequate ventilation.
- Wear additional personal protective equipment:
  - Respiratory protection → half-mask, at least FFP2
  - Body protection → disposable protective clothing according to EN 13982-1

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## First Aid

- In case of skin contact, …
- In case of eye contact, …
- In case of inhalation …

**Emergency call:** for instance 112 (in Germany)

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## Appropriate Waste Disposal

- Describe your waste disposal strategy here, for instance:
- Collect cleaning cloths or CNT contaminated protective clothing (including laboratory coat) within a labelled and closed container (for instance a PE-drum with a standard lid and clamping ring) and dispose them according to the respective AVV-key xxx.
- ...

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**Date:** xx.xx.20xx

**Signature:**

**Release:**

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