



Operating instruction

Blank form

Supplementary item No 2



Imprint

This operating instruction is a final product of the project NanoValid - project F2268 - and was generated under the lead responsibility of Miriam Baron (Federal Institute for Occupational Safety and Health).

The research leading to these results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 263147 (NanoValid – Development of reference methods for hazard identification, risk assessment and LCA of engineered nanomaterials).

The responsibility for the contents of this publication lies with the authors.

Copyright © 2015 by the authors

Lead author:

Sabine Pnitzko

Federal Institute for Occupational Safety and Health (BAuA)

Project support:

Elke Kahler-Jenett, Katharina Niesmann

Federal Institute for Occupational Safety and Health (BAuA)

Design:

Carolin Schneider, eckedesign Berlin

Editing:

Johanna Ebbeskotte, Markus Flender

Federal Institute for Occupational Safety and Health (BAuA)

Publisher:

Federal Institute for Occupational Safety and Health

Friedrich-Henkel-Weg 1-25, 44149 Dortmund, Germany

Nöldnerstr. 40-42, 10317 Berlin, Germany

Telephone +49 231 9071-0

www.baua.de

NanoValid:

Project Coordinator: Rudolf Reuther, Nordmiljö AB

rudolf.reuther@enas-online.com

Telephone +46 563 92253 (Sweden) or +49 170 7011534 (Germany)

www.nanovalid.eu

All rights reserved, including photomechanical reproduction and the reprinting of extracts.

First published: July 2015

Enter your logo here	OPERATING INSTRUCTION according to § 14 of the German Hazardous Substances Ordinance	NR: XXX
WORKING AREA: city xxx, laboratory area xxx	ACTIVITY: Describe activity where you generate or handle nanoparticles	
DESCRIPTION OF HAZARDOUS MATERIAL		
Chemical name NAME XXX (mixture or modification: short description of composition)		
RISKS TO HUMAN HEALTH OR THE ENVIRONMENT		
– Describe hazardous properties here (Toxic? Explosive?...) –		
PROTECTIVE MEASURES AND RULES OF CONDUCT		
	Hand protection: <i>type of glove and usage hints</i> Eye protection: <i>type of eye protection</i> Body protection: <i>type of body protection, for instance laboratory coat...</i>	
	Rules of conduct: <ul style="list-style-type: none"> – 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. 	
	<ul style="list-style-type: none"> – 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. – ... 	
BEHAVIOUR IN CASE OF EMERGENCY		
– Describe behaviour in case of emergency here, for instance: <ul style="list-style-type: none"> – Ensure adequate ventilation. – Wear additional personal protective equipment: <ul style="list-style-type: none"> Respiratory protection → half-mask, at least FFP2 Body protection → disposable protective clothing according to EN 13982-1 		
FIRST AID		
– In case of skin contact , ... – In case of eye contact , ... – In case of inhalation ... Emergency call: for instance 112 (in Germany)		
APPROPRIATE WASTE DISPOSAL		
– Describe your waste disposal strategy here, for instance: <ul style="list-style-type: none"> – 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. – ... 		
Date: xx.xx.20xx	Signature: _____ Release: _____	