




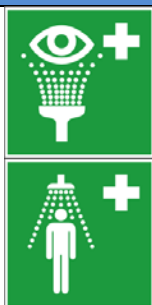


<p>Date: 16.07.2019  Authorized user: Banafsheh Abasahl  Work area: Inorganic chemistry zone  Workplace: Room 100.030c</p>	<h1>Safety Instruction</h1> <h2>Wet Bench for Acids</h2>	<p>WWU  Münster Nanofabrication Facility (MNF)  Center for Soft Nanoscience (SoN)  Busso-Peus-Str. 10  48149 Münster</p>
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Range of Application		
Operation of wetbench dedicated to Acids		
Hazard for People and the environment		
	<ul style="list-style-type: none"> <li>• Danger from electric current.</li> <li>• Risk of injury from moving parts of the device (cover, rotary plate).</li> <li>• Danger of toxic and oxidizer chemicals</li> <li>• Danger of inflammable chemicals</li> <li>• Risk of injuries related to the corrosive chemicals: acids</li> </ul>	
Safety Measures and Rules of Behavior		
	<ul style="list-style-type: none"> <li>• Only instructed persons may work on the device.</li> <li>• Before starting up, it is necessary to check the proper condition of the device! Do not operate the device if it is damaged or does not function properly.</li> <li>• Do not attempt to service or repair the unit yourself. Maintenance and repair work may only be carried out by qualified personnel.</li> <li>• Safety device "Emergency stop button" must be checked for effectiveness before use.</li> <li>• Wear personal protective equipment: apron, Facial protective mask, protective clothing, chemical gloves.</li> <li>• The manufacturer's operating instructions must be observed for all work.</li> <li>• Use chemicals only in their dedicated wetbenches.</li> </ul>	
Action in Failure		
<ul style="list-style-type: none"> <li>• Press the red emergency stop button: Wet bench is de-energized.</li> <li>• Close the water supply valves: standpipe, inlet and overflow flush valve, hand shower.</li> <li>• Close nitrogen valve (N2 pistol).</li> <li>• Report defect or damage to supervisor.</li> <li>• Only have malfunctions rectified by a specialist</li> </ul>		
Action in Accident, First Aid		
	<ul style="list-style-type: none"> <li>• Immediately treat minor injuries.</li> <li>• Wash the eyes with a generous amount of water for approximately 10 minutes.</li> <li>• In case of spillage on the skin, immediately remove the contaminated cloths and use the safety showers to wash the chemicals thoroughly from the skin.</li> <li>• Inform first responders and supervisors.</li> <li>• Make entries in the association book.</li> <li>• In the case of major injuries, call an emergency doctor or call 112.</li> </ul>	
Maintenance and Disposal		
<ul style="list-style-type: none"> <li>• Maintenance work may only be carried out by qualified and instructed staff.</li> </ul>		