




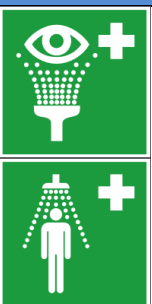


<p>Date: 16.07.2019 Authorized user: Banafsheh Abasahl Work area: Photolithography zone Workplace: Room 100.030h</p>	<h1>Safety Instruction</h1> <h2>Wet Benches for Organic chemistry</h2>	<p>WWU Münster Nanofabrication Facility (MNF) Center for Soft Nanoscience (SoN) Busso-Peus-Str. 10 48149 Münster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

Deutsche Version auf Rückseite!