

2024-05-16
Signature:

OPERATING INSTRUCTIONS

Gemäß Betriebsicherheitsverordnung

UNIVERSITÄT
DUISBURG
ESSEN

Offen im Denken
Fakultät für Chemie

Arbeitsbereich: AAC

Arbeitsplatz: Labore AAC

TOOL

Beckmann Coulter Allegra 25R Centrifuge

RISKS FOR HUMANS AND THE ENVIRONMENT



- Hazards may occur due to unbalance of the rotor. Thereby, the centrifuge can start to move and threaten people directly.
- Furthermore, vessels can be damaged by the imbalance and they may leak their content.
- This may damage the centrifuge and / or lead to hazards of the laboratory personnel by vessel parts and the leaked substance.

PROTECTIVE MEASURES AND RULES OF CONDUCT



- **It is essential to observe the operating instructions.**
- **Attention! Avoid imbalance of the centrifuge.**
- **Set a counterweight to the sample tube in the opposite position.** Therefore, please weigh a centrifuge tube filled with water exactly with the smallest possible difference between the opposing tubes.
- Always close filled centrifuge tubes tightly!
- Close all four rotor lids/screw tubes completely again.
- tightly again.
- Attention! Screw the lids on straight, tilted lids cannot be
- cannot be screwed on correctly.
- The use of chemicals must be in accordance with the relevant safety regulations.



RESPONSE TO MALFUNCTIONS



Shut down device immediately, faults must be reported to:

- Constanze Dietrich Tel.: 1834559
- Dr. Sven Meckelmann Tel.: 1833295
- Prof. Dr. Oliver Schmitz Tel.: 1833950

BEHAVIOUR IN CASE OF ACCIDENT / FIRST AID



- Keep calm.
- Consult first-aid.
- Emergency call: 0112
- Report accident.

MAINTENANCE / DISPOSAL

- Service only by technical supporters.
- Switch off and disconnect from electric supply network.
- Routine control of expaendable parts.