

2024-05-16

Signature:

Operating Instructions

According to the
Betriebssicherheitsverordnung

UNIVERSITÄT
DUISBURG
ESSEN

Offen im Denken

Faculty of Chemistry

Institute: AAC

Work place: AAC Labs

EQUIPMENT

Transport dry ice

DANGERS FOR HUMANS AND ENVIRONMENT



- Cold, frostbite and cold burns through skin contact
- Danger of bursting due to pressure increase
- Danger of suffocation and lack of oxygen

PROTECTIVE MEASURES AND RULES OF CONDUCT



- Always wear lab coat, safety goggles and cold protection gloves.
- Please wear face protection if available.
- Always use cold-resistant material when handling dry ice.
- Always transport dry ice with two people.
- Use wide dewars or polystyrene boxes.
- Never close the transport container tightly.
- Only use the freight lift to transport the dry ice.
- Do not forget the warning!
- Never transport people and dry ice together in the freight lift.

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

BEHAVIOR IN CASE OF ACCIDENT / FIRST AID



- Keep calm.
- Call first responders.
- Emergency call: 0112
- Report accident.

MAINTENANCE / DISPOSAL

- Maintenance only by authorized, competent persons.
- Regular inspection of wearing parts.

