

Dry ice evaporation site

Introduction

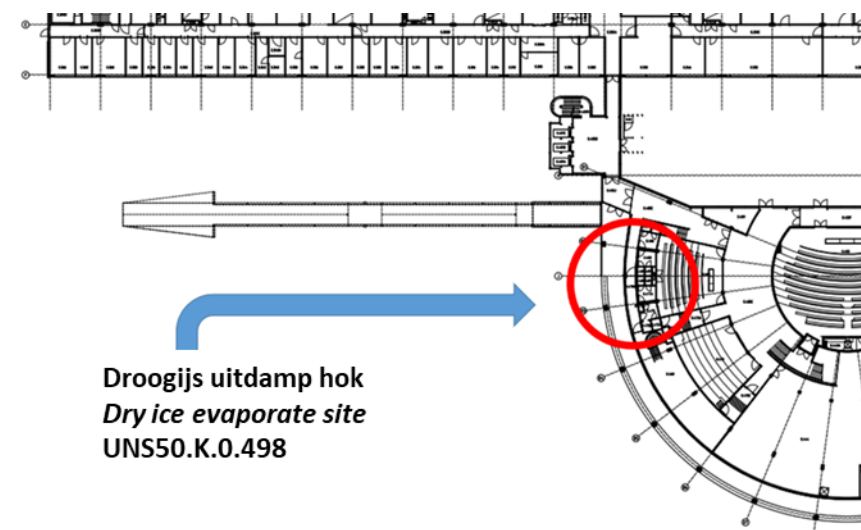
As part of sustainability, the dry ice evaporation site is made available to UM employees. This is where one can bring excess dry ice and let it evaporate safely. If one needs dry ice for experiments or transport, one can take it from the evaporation site (UNS50.K.0.498). It is not allowed to use dry ice for private purposes. The daily available supply depends on the quantity supplied by researchers themselves and is not supplemented by default.

Risk of dry ice

Dry ice, also known as dry ice or carbon dioxide snow, is the solid form of carbon dioxide (CO_2). It has some very favorable properties that make it an excellent cold carrier for transportation purposes, with a constant temperature of -78°C during sublimation. The main danger lies in two things: the temperature (-78°C) and the CO_2 gas released. The use of good, insulating gloves is advised, as contact with bare skin can cause direct burns. Dry ice should be handled with a scoop or tongs. By using the dry ice evaporation location, the FHML has a well-ventilated outdoor area where no accumulation of CO_2 gas can occur.

Location

The dry ice evaporation site (UNS50.K.0.498) is located from the walkway UNS50 on the right side of the waste platform in the roundabout on the ground floor and is intended for dry ice activities only



Acces

To gain access to the evaporation site, an application for the activation of the iLOQ key can be submitted to the Armico. The Armico will grant access based on knowledge, skill and necessity. The Armico will then send a mail to servicepoint-fs@maastrichtuniversity.nl with in the c.c. info-hsb@maastrichtuniversity.nl. Mention the following items in the request:

- First,- and Last name:
- P number:
- Department:
- Spaces: dry ice evaporation hutch UNS50.K.0.498
- E-mail:
- Key number:
- Eventual other details:

iLOQ key number (shown on top of key rim)

If one does not yet possess an iLOQ key, an access key for the evaporation hut can be collected from reception UNS50. After use, the evaporation room should always be locked and the key returned to reception.

Procedure dry ice evaporation location

Boxes with dry ice should be placed correctly in the rack shelf with the lid off. After the dry ice has evaporated, the boxes will be removed by the FS Rapid-Responses-Team (RRT).

Collection of dry ice is possible if it is in stock.

Do not place empty boxes in the evaporation site, these should be placed in the shelves of the adjacent Waste Collection Platform (AVP) UNS50.K.0.497. Please bear in mind that you are guests in these areas of FS and keep it orderly

List of abbreviations

AVP	Waste Collection Platform
CO ₂	Carbon dioxide
FHML	Faculty of Health, Medicine and Life Sciences
FS	Facility Services
HSB	Health, Safety and Buildings
UM	Maastricht University