



WORK INSTRUCTIONS FOR CMRA CHEMICALS

Tema:
Arbeidsinstruks
Revised date:
18.10.23
Side:
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CMRA; Carcinogenic, mutating, harmful to reproduction and allergenic chemicals

H350	May cause cancer	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H351	Suspected of causing cancer	H317	May cause an allergic skin reaction
H350i	May cause cancer by inhalation		
H340	May cause genetic defects		
H341	Suspected of causing genetic defects		
H360	May damage fertility or the unborn child		
H361	Suspected of damaging fertility or the unborn child		

PURCHASING

- The person in charge of purchase on the unit or in the research group

UTILIZATION

- Always use a fume cupboard when working with CMRA chemicals.
- Read the material safety data sheet before starting to work with new chemicals.
- Working with carcinogens (CMRA) should take place in a laboratory properly equipped with fume cupboard, ventilation and washbasin.
- Handling CMRA should take place separated from other laboratory tasks.
- Fume cupboards and workbench should be covered with disposable bench coat.
- If possible substitute the carcinogenic chemical with a non-carcinogenic chemical.
- Pregnant and breastfeeding should not be exposed to cytostatics and anesthetics. If a risk assessment shows that one can be exposed to carcinogenic, mutagenic and reproductive toxic substances (CMRA chemicals, see risk and hazard statements in the table above), the pregnant should be relieved of this type of work. See separate working instructions for pregnant and breastfeeding.

PROTECTIVE EQUIPMENT

- Use laboratory coat, protective shoes, splash goggles and protective gloves when working with CMRA.
- You can find a summary of the most common chemicals and preferred glove [here](#).
- In case of spill, exchange gloves immediately.

STORAGE

- Chemicals that are in regular use must be [stored](#) in approved chemical cupboards in the laboratory. Chemicals that are not in daily use must be clearly marked in accordance with the [labelling regulations](#) and kept in lockable storage rooms designed for the type of chemical in question. It should be noted that some chemicals cannot be stored [together](#).

DISPOSAL

- Follow UIB's [procedure for disposal](#).
- Waste-paper and flammable single use equipment should be disposed as problematic waste (the yellow disposal bin).
- Inorganic chemicals and solid material. Disposal group 7091.
- Disposal containing mercury. Disposal group 7081.
- Medical disposal. Disposal group 7153.

LOCAL PROCEDURES

- The procedure must be adapted to the individual unit.