

CDA Lab safety bulletin

October, 2020

Hazardous waste disposal guidelines

Training recording available at:

https://kaust.sharepoint.com/:v:/s/ac-frg-Plant-Genomics/EYHv-EZjTnNEbqGBO4MXMoBNQbOxd_9S_WGz-XMQgleEw

Choose the right waste bag

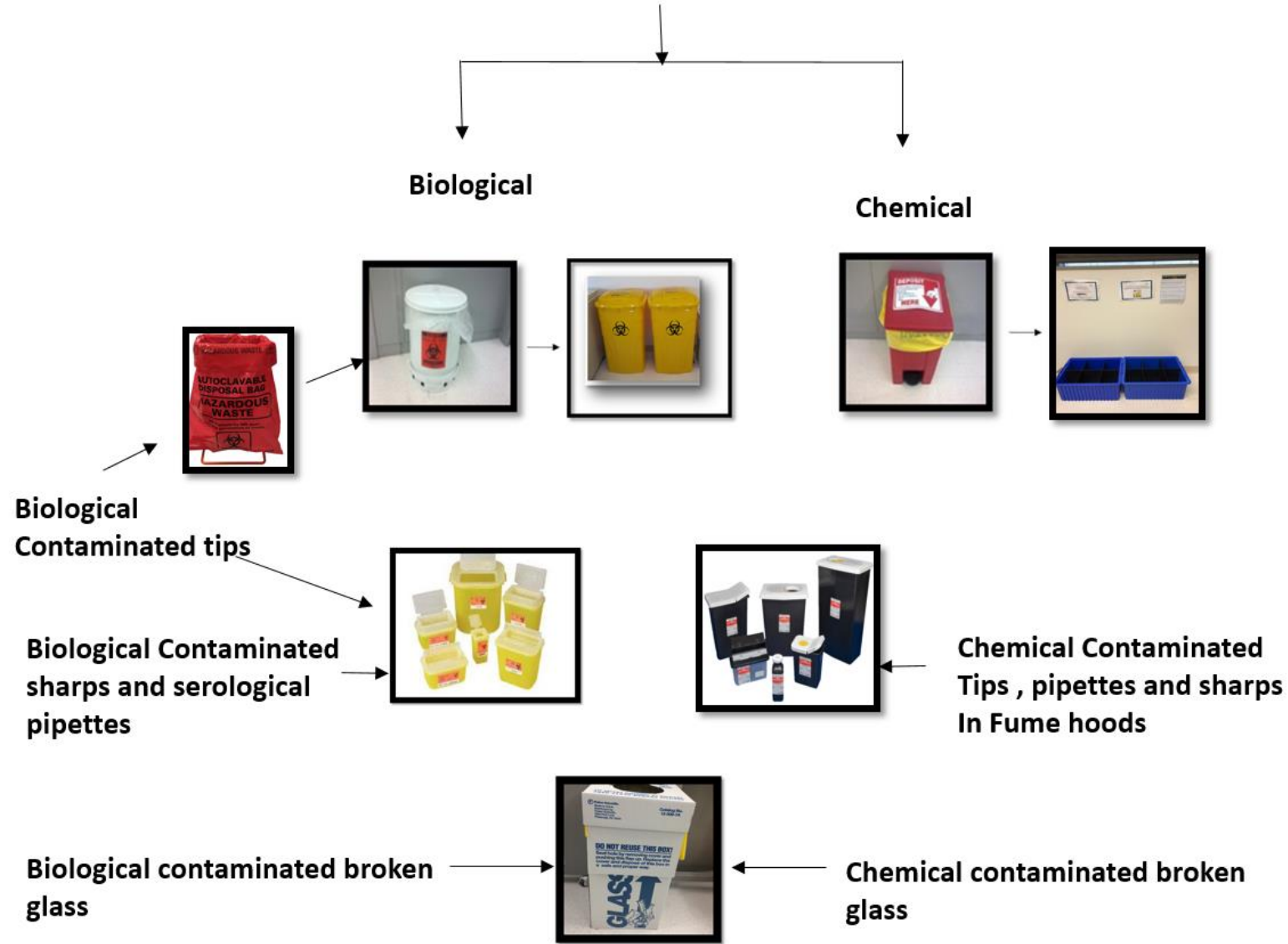
Solid chemically contaminated debris



Solid biologically contaminated debris



Contaminated Solid Waste



Contaminated Liquid Waste

Biological

Put in secondary containers
autoclave room



Chemical

Bottles inside fume hood
Discuss with lab staff



Disposal of unwanted agar



PPE (Personal protective Equipment)

DON'T BE ON THE WRONG SIDE OF SAFETY

Wet Lab Personal Protective Equipment (PPE)

WRONG

RISKS
Not wearing proper eye protection can result in eye injury including blindness from hazardous materials and flying objects.

RISKS
Not wearing a lab coat can cause damage and holes in clothing. It can also result in skin burns, disfigurement, and skin contamination to areas like the wrist. Once outside the lab, you can contaminate your home, lunch areas, etc.

RISKS
Not wearing gloves runs the risk of burns, scars, contamination, and the absorption of hazardous materials.

RISKS
Lack of proper leg coverage can result in burns, scars, contamination, and absorption of hazardous materials.

RISKS
Lack of proper footwear can result in broken bones, burns, scars, contamination, and absorption of hazardous materials.

RIGHT

EYE PROTECTION
Safety glasses protect you from impact such as exploding glassware or eye contamination via droplet exposure. Goggles protect against splashes. Face shields can protect against skin burns (e.g. cryo).

LAB COAT
Lab coats protect your skin from hazardous materials (e.g. chemicals, biologicals, radiologicals). You can remove the contaminated layer post-spill, isolating contamination to the lab area. The extra layer can also minimize public body exposure should clothing need to be removed due to a splash.

GLOVES
Frequent change of lab gloves when contaminated can prevent burns and toxic side-effects.

COVERED LEGS
Covered legs provide a layer of protection against hazardous materials.

CLOSED-TOE SHOES
Closed-toe shoes protect against physical hazards and hazardous materials.

Face coverings are public health measures during the COVID-19 global Pandemic, and not considered personal protective equipment (PPE).

Shaping the New Normal (Phase 3B)

COVID-19 considerations at work

https://hse.kaust.edu.sa/Services/Pages/covid-19_researchers.aspx

https://hse.kaust.edu.sa/Services/Pages/COVID-19_resources.aspx

[https://hse.kaust.edu.sa/Services/Pages/Office space access approval.aspx](https://hse.kaust.edu.sa/Services/Pages/Office_space_access_approval.aspx)

KEEPING KAUST SAFE
www.kaust.edu.sa/keepKAUSTsafe

Health, Safety and Environment

FEELING UNWELL?
Patients with COVID-19 symptoms have experienced mild to severe respiratory illness

Symptoms can appear **2-14 days** after you are exposed to the virus that causes COVID-19.

For mild symptoms

- Fever
- Cough
- Sore throat
- Shortness of breath

For acute symptoms

- Trouble breathing
- Persistent pain or pressure in the chest
- New confusion or not able to be woken
- Bluish lips or face

Contact the KAUST Health call center on 012 808 0940
If outside clinic hours, call KAUST Health on 012 808 4444

In an emergency, including difficulty breathing, call **012 808 0911** for immediate assistance

KEEPING KAUST SAFE
www.kaust.edu.sa/keepKAUSTsafe

Health, Safety and Environment

Wash Your Hands

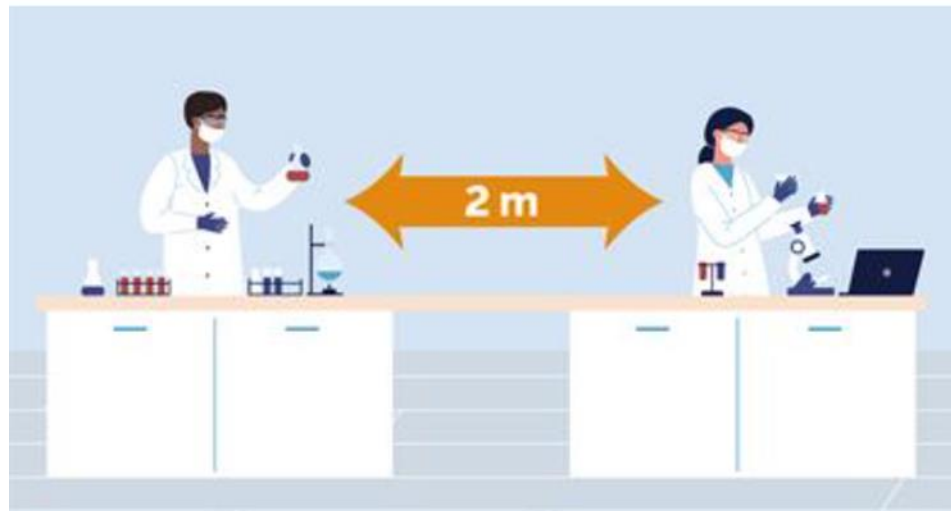
Use a Face Covering

Report Illness

Contact the KAUST Health call center on 012 808 0940
If outside clinic hours, call KAUST Health on 012 808 4444

Cover Coughs and Sneezes

Practice Physical Distancing (2m)



KEEPING KAUST SAFE
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Health, Safety and Environment

Cover Coughs and Sneezes

- Cover your mouth and nose with a tissue when you cough or sneeze.
- Put your used tissue in the trash bin
- If you don't have a tissue, cough or sneeze into your upper sleeve or elbow, not your hands.
- Wash your hands with soap and running water. Dry your hands thoroughly with a disposable paper towel or hand dryer.

**SAFETY
FIRST**

**SAFETY IS
EVERYONE'S
RESPONSIBILITY**