Occupational Health and Safety



Guidelines for Biosafety Level 2 laboratory (BSL2)

Risk group 2 organisms must be handled in a BSL2 room.

Basic rules described in BIO Safety Card BSL1 apply.

All BSL2 activities must be notified to the Office of Biotechnology, and derogations to standard BSL2 safety measures must be authorized by the federal authorities. Contact biosafety@epfl.ch.



BSO and Biosafety EPFL validate the CAMIPRO rights to access the BSL2 room.

The "FOBS 3: biological risk" training is mandatory.

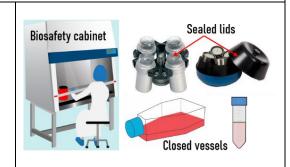






All activities must be confined:

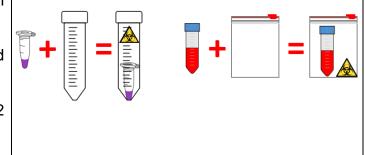
- Cultures are set in closed vessels
- Solid waste bag inside the biosafety cabinet must be closed before to be trashed in the main solid waste bin
- Buckets or rotors equipped with sealed lids. In case of centrifugation problems (improper balance, tube damages), wait 30' to allow aerosols sedimentation before opening the lids
- FFP2 or FFP3 respiratory masks must be considered in the absence of primary containment



Risk group 2 samples are double-packaged for internal transport.

The external packaging must be unbreakable and waterproof.

Risk group 2 samples that are not stored inside a BSL2 room must be double-packaged.



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Waste containing risk group 2 organisms must be inactivated before elimination:

Solid waste: autoclave Autoclave When ¾ full, close the bags and decontaminate the outside before leaving the BSL2 room. Liquid waste: chemical inactivation or autoclave. Chemical inactivation: add the appropriate Inactivated biological waste decontaminant to liquid waste, let it react at least Déchets spéciaux overnight before elimination. Rifiuti speciali Code OMoD: 18 01 06 post fill with chemical Autoclave: do not add any solvent or disinfectant to piologique inactivé waste liquid solutions that must be autoclaved. pre fill with chemical Inactivated liquid waste must be eliminated as special waste (code OMoD: 18 01 06). In case of biohazard spill outside the biosafety cabinet: **BIOHAZARD SPILL** All users must guit the BSL2 lab immediately 115 Put on the door the biohazard spill alert notice Call 115 for assistance. In case of accident (ex: injury, spill in the eyes): • Use the appropriate emergency equipment (eyes 115 washer, disinfectant, ...) available in the lab Call 115 for assistance When working alone, wear the Man-Down (DATI) STOP system necklace. 115 Cancellation It warns the rescue team by triggering an automatic call in case of accident, fall, aggression either by a manual alert or by detection of the loss of verticality. EPFL protection of isolated workers