


LSRA 3 – Carcinogens, Mutagens and Sensitisers

Lab Standard Risk Assessment 3: Higher Hazard Substances




If referencing this standard to cover your lab work, the scope of the work must match this standard and the below controls must be communicated and followed by all operatives. All lab work must be in accordance with chemical safety hand book.

Task Scope: General use of small amounts (<10g) of higher hazard substances in the lab for any purpose.

Persons at Risk	Operatives	Lab Technicians	Others in lab during and after the work
Exposure Routes	Inhalation	Skin contact	Eye contact
Hazards			
	Carcinogenic, mutagenic, teratogenic, sensitising and reprotoxic substances - may cause long term, irreversible damage to health		

Control Measures

Fume cupboard or powder cabinet is mandatory.	Minimise emissions, e.g. lidded containers	Experienced operatives	Additional information for those at risk of exposure – COSHH assessment and MSDS	Additional lab hygiene measures – clean down work area
Minimise quantities used	Labelled containers	Labelled waste containers	Strict handwashing and control of used PPE	

Personal Protective Equipment			
	Safety glasses	Disposable gloves	Lab coat

Emergency Arrangements

Spills:

Volatile liquids – ventilate the area and restrict access – contact EHCs

Granular Powders - sweep into a secure container for disposal

Dusty powders – wet and sweep into a secure container for disposal

Personal contamination – remove contaminated PPE if possible and dispose, call EHCs for assistance

First Aid: contact EHCs (8787); eye contact – wash with eyewash or running water, skin contact – wash with soap and water. Inhalation – move to fresh air, contact EHCs for first aid advice.

Risk - Medium