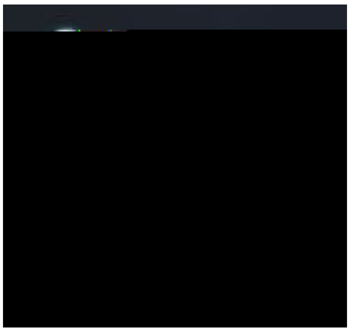
INFO. SHEET: LS5 –

CHEMICAL GROUP	GLOVE MATERIAL					
	Natural Rubber	Nitrile Rubber	Neoprene^{TM}	PVC	Butyl	Viton^{TM}
Water miscible substances, weak acids / alkalis	🟩	🟩				

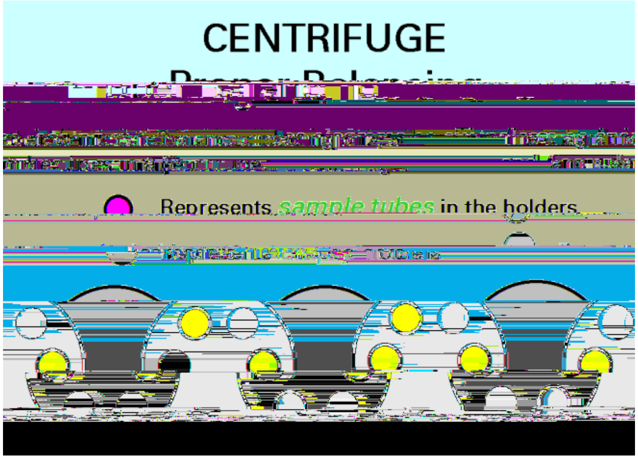


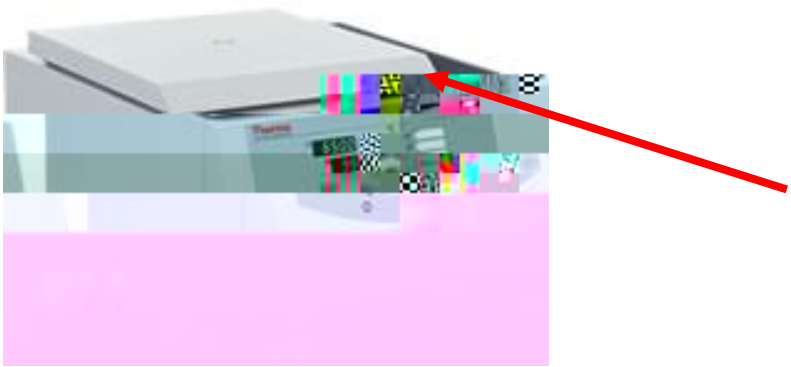
Tubes often used in Micro Centrifuges

Loading and Operating the Micro Centrifuge

Always use the correct rotor.

Place the tubes in the rotor, making sure the rotor is balanced properly (see below).





check lid is secure

If applicable, make sure the rotor is seated on the drive correctly.

Secure the centrifuge lid and start the machine.

Stay with the centrifuge until full operating speed is reached and the machine appears to be running without vibration.

If there appears to be excessive noise or vibration:

- Stop the machine and wait for it to stop.
- Check the rotor balancing.
- the problem to a Technician / Supervisor.

If a tube breaks / cleaning the centrifuge:

- Stop the machine and leave for 30 minutes to reduce the risk of aerosols.
- or if you are unsure ask a Technician / Supervisor.
- Make sure you wear appropriate gloves for the sample handled.

Opening the Centrifuge Before and After Use

Never open the centrifuge until it has come to a complete stop.

a Technician.

Disposing of Waste

Check the COSHH Assessment to ensure containers / gloves etc are disposed of correctly.

Maintenance and Inspections

It is essential centrifuges are maintained as directed by the specific

In addition, the importance of regular, recorded inspections which includes checks of safety critical devices, such as power / lid interlocks cannot be emphasised to ensure continued operation.

Examples of what should be included in an inspection are:

General cleanliness spilt chemicals which if left can deteriorate the centrifuge casing etc.

Storage if plastic, store the centrifuge out of direct sunlight as it can weaken the casing.

The correct rotor (if removable) and tubes are available and being used.

The centrifuge, rotor and tubes are structurally sound eg no cracks, chips, crazing, dents.

The lid secures correctly when closed.

The lid cannot be opened until the rotor has stopped spinning. This confirms the safety interlock works.

There are no unusual sounds or vibration patterns coming from the centrifuge.

FINALLY:

If you think there is something wrong with the centrifuge, **STOP** using it, place a sign on it to ensure others do not use it and report it immediately to your Supervisor / Lab Technician.