CENTRIFUGE SAFETY

♦ Each operator must be trained on the proper operating procedures
♦ Keep a log book detailing operation records for centrifuges and rotors
♦ Do not exceed safe rotor speed
♦ Place a biohazard label on the centrifuge if used for infectious agents
♦ Always use sealed safety buckets or sealed rotors with O-rings
♦ Check tubes and bottles for cracks and deformities before each use
♦ Examine O-ring and replace if worn, cracking or missing
♦ Never overfill primary containers; do not exceed ¾ full
♦ Wipe exterior of tubes or bottles with disinfectant prior to loading into safety buckets or rotor
♦ Wipe the exterior of safety buckets or rotors with disinfectant before removing from biosafety cabinet
♦ Stop the centrifuge immediately if an unusual condition, such as noise or vibration, begins
♦ Wait five minutes after the run before opening the centrifuge to allow aerosols to settle in the event of a breakdown in containment
♦ Decontaminate safety buckets or rotors and centrifuge interior after each use
♦ Wash hands after removing gloves

CENTRIFUGE SPILL

If you notice that there has been a leak outside the safety bucket or rotor when opening centrifuge:

First:
♦ Hold Breath
♦ Close centrifuge lid
♦ Notify others to evacuate the lab

Then:
♦ Immediately leave the lab
♦ Post biohazard spill sign

Notify PI or Supervisor:
♦ DO NOT re-enter lab until PI and OEHS have given clearance (at least 30 minutes)
♦ Follow centrifuge spill instructions in the Biosafety Manual or Spill Response Guide

Decontaminate:
♦ Remove PPE turning exposed areas inward
♦ Place disposable PPE in biomedical waste (autoclave reusable PPE)
♦ Wash any exposed areas with antiseptic soap and water
♦ Wash hands thoroughly

For Centrifuge Explosion:
Evacuate room immediately; notify PI and OEHS