Glycol Spill Cleanup

This procedure covers the cleanup of spilled glycol. There are 9 known leaks in the glycol system. They need to be cleaned at least twice/week.

Known Leaks: Only Gloves Required as PPE

- 1) With gloves on, empty the beaker underneath the bottom flange into the red capped Glycol Waste container. DO NOT empty it into the yellow waste bucket.
- 2) Replace the paper absorber under the hydraulic cart manifold. Place the used absorber into the bag labeled 'Waste Propylene Glycol'. Ensure the black plastic drip pan is positioned to catch any runoff from the paper absorber.
- 3) With another absorbant paper sheet, dob any remaining leaks marked with red tape on the pressure vessel top flange, or the hydraulic cart manifold. Discard of the absorber in the glycol waste bag.
- 4) Look for other leaks. If a new leak is found, follow the Small Spill procedure.

Small Spills (less than 250 ml) Only Gloves Required as PPE

- 5) Mop up the spilled glycol with the stack of cleanup sheets next to the experiment. Wear gloves
- 6) Place the used cleanup sheets in a bag labeled 'Waste Propylene Glycol'.
- 7) When full, consult the Lab Coordinator for proper disposal of the bags
- 8) Complete a UOR Unusual Occurrence Report and file with Lab Coordinator.

Large Spills (greater than 250 ml) PPE Required As Specified Below

- 1) Rope off area at a distance of greater than 2 meters.
- 2) PPE Required: Tyvek suits, chemical goggles, gloves, appropriate respirators.
- 3) Mop up the spilled glycol with the stack of cleanup sheets next to the experiment
- 4) Bag the used cleanup sheets
- 5) Label the bag as containing glycol
- 6) Consult the Lab Coordinator for proper disposal of the bags
- 7) Complete a IIR Injury Incident Report and file with Lab Coordinator.