### UT Tyler Hazard Communication Program and General Chemical Safety

- Review Hazard Communication Program.
- Discuss "no eating or drinking" where chemicals are stored or used.
- Discuss chemical storage requirements and compatibility standards.

### Supervisor’s Notes:

- Review workplace Hazard Communication program procedures.
- Ensure employees understand the risks and the designated location to eat and drink that is free of hazardous chemicals.
- Review workplace practices and procedures used to ensure chemicals are properly stored. Review chemical compatibilities.

### Inventory, Safety Data Sheets (SDS), and Labeling

- Identify workplace chemical inventory list (CIL), and identify the location of the chemicals the employee may use or be exposed to, prior to use.
- Identify location of SDSs. Familiarize employees on how to read and use the information contained in the SDS.
- Review a workplace SDS:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Hazard(s) Identification</th>
<th>Composition/Information on Ingredients</th>
<th>First-Aid Measures</th>
<th>Fire-Fighting Measures</th>
<th>Accidental Release Measures</th>
<th>Handling and Storage</th>
<th>Exposure Controls/Personal Protection</th>
<th>Physical and Chemical Properties</th>
<th>Stability and Reactivity</th>
<th>Toxicology Information</th>
<th>Ecological Information (Non-mandatory)</th>
<th>Disposal Considerations (Non-mandatory)</th>
<th>Transport Information (Non-mandatory)</th>
<th>Regulatory Information (Non-mandatory)</th>
<th>Other Information</th>
</tr>
</thead>
</table>

- Discuss GHS pictograms and warning symbols.
- Familiarize the employee with reading and using information on container labels. Discuss the importance of labels and ensuring chemicals transferred to secondary containers are properly labeled:

  | Complete and legible |
  | Contains chemical name and ingredients |
  | Identifies hazards (HMIS or NFPA Ratings) |

- Ensure employee can read and understand a chemical warning label, and can properly label a secondary container of a chemical.
- Show employees labels that are to be used for secondary containers.
- Fill out a sample secondary label for a hazardous chemical using the SDS.
## Hazards of Chemicals, Detection/Presence of Chemicals, and Personal Protective Equipment (PPE)

- Identify the hazards of chemicals that an employee may encounter in the workplace and discuss the categories (flammables, corrosives, toxics/poisons, reactives, etc.).

- Review procedures to use or introduce new or non-routine chemicals into the work area.

- Discuss methods and observations for detecting the presence of chemicals and/or bodily responses to the presence of chemicals as noted in the SDS.

- Discuss exposure controls and measures.

- Discuss PPE requirements.

- Discuss the hazard categories and the safety considerations for each category.

- Discuss that employees are required to get authorization before using or introducing chemicals into the workplace.

- How does the chemical enter the body? Inhalation? Skin absorption? What are the effects? Dizziness? Skin/eyes irritation?

- How is exposure to a chemical controlled?
  - What measures are used for a particular chemical? Vapor/fume hoods? Spray booths?
  - What procedures are in place to minimize exposure? Designated working areas?

- What PPE is utilized to minimize exposure?

- Does use of the chemical require exposure monitoring to ensure the employee is not overexposed over a period of time (chronic exposure)? What records will be kept?

- Discuss control measures and/or engineering controls in the workplace.

- What are the PPE requirements for a particular chemical or workplace?

- Discuss how to properly utilize PPE and where it may be obtained.

## Hazardous Waste Disposal

- Discuss waste accumulation and disposal procedures.

- Identify employees that will be trained in hazardous waste disposal procedures.

## Emergency Procedures

- Discuss the locations and proper use of eyewash stations/safety showers and first aid treatment.

- Review spill procedures.


- Where are the first aid kit, fire extinguisher, and emergency eyewash stations located?

- Identify employees that will be trained in chemical spill/release procedures.

- Review EAP for spills/releases, fires, other incidents in areas where chemicals are used.

### Name of Employee (Printed): Signature: Date:

### Name of Trainer (Printed): Signature: Date: