**UNBC Chemical Reproductive Hazard Identification Tool Laboratory Workers**

Overview

This screening tool is intended to help pregnant laboratory workers and their supervisors review their work location and activities for hazards (e.g., teratogens, mutagens) and develop a safe work plan.

Instructions

1. Generate a list of materials stored and used in the laboratory work space using the UNBC Chemical Inventory and other relevant items (i.e., chemical kits, cleaning agents, equipment) not listed in the inventory
2. Go through the workspace and identify other hazards that are not entered in the UNBC Chemical Inventory (e.g., analysis kits, cleaning materials, materials synthesized in labs)
3. Review up-to-date Materials Safety Data Sheets, specifically
* Section 2—Hazards Identification, GHS Hazard Statements (e.g., Teratogen, Rapidly absorbs through skin, Target organs), Precaution Statements
* Section 4—First Aid Measures
* Section 8—Exposure Controls/Personal Protection
* Section 11—Toxicological Information
	+ Germ cell mutagenicity
	+ Genotoxicity
	+ Reproductive toxicity
	+ Teratogenicity
1. Review California Proposition 65 Chemical List (List of carcinogens and reproductive toxins)
2. Record relevant hazards in table
3. Discuss with supervisor potential exposure to each material and possible ways to address these issues, such as:
* Move chemicals to another location for storage
* Change worker’s duties
* Have another worker perform high hazard/risk tasks
* Have laboratory user work in another location
* Have other laboratory users work in another location
* Develop isolation plan (e.g., only used in fumehood)
* Develop hazard-specific PPE plan
* Allocate specific workspace for worker’s exclusive use
* Make other personnel in the lab aware of hazardous materials and plans to control exposure
1. Generate implementation plan with specific roles and timeline

**Hazardous Chemical Identification for Pregnant Workers**

**Name of Worker**

**Name of Supervisor**

**Review of Material Safety Data Sheets for materials with potential exposure**

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| --- | --- | --- | --- | --- | --- |
| Material Name | Stored in Work Space | Used by Worker | Used in Work Space | Relevant Hazard Statements | Material of Concern |
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**Discussion of Hazards between Worker and Supervisor**

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| Chemical: |
| Specific Hazards: |
| Activities with Potential for Exposure: |
| Exposure Reduction/Avoidance Strategy: |

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| --- |
| Chemical: |
| Specific Hazards: |
| Activities with Potential for Exposure: |
| Exposure Reduction/Avoidance Strategy: |

|  |
| --- |
| Chemical: |
| Specific Hazards: |
| Activities with Potential for Exposure: |
| Exposure Reduction/Avoidance Strategy: |

|  |
| --- |
| Chemical: |
| Specific Hazards: |
| Activities with Potential for Exposure: |
| Exposure Reduction/Avoidance Strategy: |

Action Items and Timeline:

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| --- | --- | --- | --- | --- |
| Action Item | Person Responsible | Personnel Affected | Deadline | Complete |
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Comments:

Signature indicates that discussion has occurred and that a satisfactory action list has been generated.

Worker to Sign: Date:

Supervisor to Sign: Date: