**Particularly Hazardous Substances**

**Reproductive Toxins** are chemicals that affect the reproductive capabilities including causing chromosomal damage (mutations) and adverse effects on fetal development (teratogenesis).

Reproductive toxins are designated by one or more of the following H codes:

**H340** May cause genetic defects

**H341** Suspected of causing genetic defects

**H360** May damage fertility or the unborn child

**H361** Suspected of damaging fertility or the unborn child

**H362** May cause harm to breast-fed children

Acutely toxic chemicals are designated by one or more of the following H codes:

H300 Fatal if swallowed

H310 Fatal in contact with skin

H330 Fatal if inhaled

**Select carcinogens** are designated by one of the following H codes:

**H350** May cause cancer

**H351** Suspected of causing cancer

**Cal/OSHA Regulated Carcinogens** fall into a separate hazard class and may have extensive additional requirements associated with them that may not be covered under a general SOP for PHS. The use of these agents may require personal exposure sampling based on usage. The specific Cal/OSHA regulations that govern the use of regulated carcinogens can be found at:

[http://www.dir.ca.gov/Title8/sb7g16a110.html](http://www.dir.ca.gov/Title8/sb7g16a110.html%20)

[http://www.dir.ca.gov/Title8/5209.html](http://www.dir.ca.gov/Title8/5209.html%20)

Some exemptions from these requirements are made for laboratory scale use; these can be found at: [http://www.dir.ca.gov/Title8/5191.html](http://www.dir.ca.gov/Title8/5191.html%20)