

Definitions for the Chemical Hygiene Plan

1. **Acute toxins** means those chemicals that have a mammalian LD50 of ≤ 100 $\mu\text{g}/\text{kg}$. Please see the UF Biological Safety Manual for a list.
2. **Reproductive toxins** means chemicals that affect the reproductive capabilities including chromosomal damage (mutations) and effects on fetuses (teratogenesis).
3. **Select carcinogen** means any substance that meets one of the following criteria:
 - (i) It is regulated by OSHA as a carcinogen; or
 - (ii) It is listed under the category, "known to be carcinogens," in the Annual Report on Carcinogens published by the National Toxicology Program (NTP)(latest edition); or
 - (iii) It is listed under Group 1 ("carcinogenic to humans") by the International Agency for research on Cancer Monographs (IARC)(latest editions); or
 - (iv) It is listed in either Group 2A or 2B by IARC or under the category, "reasonably anticipated to be carcinogens" by NTP, and causes statistically significant tumor incidence in experimental animals in accordance with any of the following criteria:
 - (A) After inhalation exposure of 6-7 hours per day, 5 days per week, for a significant portion of a lifetime to dosages of less than 10 mg/ml;
 - (B) After repeated skin application of less than 300 (mg/kg of body weight) per week; or
 - (C) After oral dosages of less than 50 mg/kg of body weight per day.