

Rules for Listing Chemical Hazards on the IACUC Protocol Application

Chemical agents meeting any of the criteria listed below must be included in section VIII of the Animal Hazardous Agents Form (HAF) on your IACUC protocol application.

- The agent meets the definition of an acutely toxic / highly toxic agent - Oral LD50 <50mg/kg (rat). The agent is listed by [OSHA](#), [NTP](#), and/or [IARC](#) as a carcinogen or possible carcinogen.
- The agent is a known or suspected mutagen, teratogen, reproductive or genotoxin.
- The agent is listed as a hazardous drug (chemotherapeutic agents).
- The agent is a physical hazard (highly explosive like ether).
- The agent has unknown properties (novel anti-cancer drugs) and the PI cannot assure that an accidental exposure wouldn't result in an adverse health effect*

* An **adverse health effect** is defined as the causation, promotion, facilitation and/or exacerbation of a structural and/or functional abnormality, with the implication that the abnormality produced has the potential of lowering the quality of life, contributing to a disabling illness, or leading to a premature death.

To determine if a chemical poses a health and/or physical hazard, refer to the manufacturer's Safety Data Sheet (SDS).

Additional information on completing an Animal Hazardous Agent Form:

<http://research.wayne.edu/oehs/anicon/hazardous-agent-forms.php>

References:

[NIOSH/CDC Occupational Exposure to Antineoplastic Agents](#)

[WSU Chemical Hygiene Plan](#)

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