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| Appendix A: Hazardous Materials information for AUP # | | | |
| **Identity of Hazard**: Fatal Plus (Sodium Pentobarbital solution) | | | |
| PI name: | Building/Rooms: | | Vivarium: |
| **Provide a short description of the reagent(s):** Fatal-Plus is a euthanasia solution suitable for all animals. It is administered by intravenous injection. Fatal-Plus solution is composed of Pentobarbital Sodium, Propylene Glycol, Ethyl Alcohol, and Benzyl Alcohol. Fatal-Plus is a controlled substance and requires registration with [EH&S Controlled Substances](https://ehs.ucr.edu/laboratory/chemical/controlled-substances) | | | |
| **This material is hazardous for:**  Humans only  Animals only  Humans and animals  For which animal species? | | **The reagent can be spread by:**  Blood  Feces/urine  Saliva/nasal droplets  Does not leave animal  Other Click or tap here to enter text. | |
| **Describe any human health risk associated with this agent:**  Pentobarbital causes central nervous system effects similar to alcohol inebriation. Fatal-Plus has not been evaluated for carcinogenicity. This product effects the eyes, skin , respiratory tract, gastrointestinal tract, liver and cardiovascular, central nervous and reproductive systems. This product may cause eye or skin irritation. Ingestion of Fatal-Plus may cause adverse gastrointestinal, cardiovascular, liver, central nervous system, and reproductive effects.  Symptoms include: headache, mental depression, drowsiness, dizziness, confusion, lack of muscular control, impaired judgement, sedation.  In the case of severe overdoses, this product may cause respiratory and cardiovascular suppression, coma, and death. | | | |
| **The precautions checked below apply to this experiment:**  The researcher or his/her technicians are responsible for the feeding and care of these animals.  The following items must be assumed to be contaminated with hazardous material and must be handled only by the researcher or his/her technicians.   |  |  | | --- | --- | | Cage  Water Bottle  Animal Carcasses | Bedding  Other |   Cages must be autoclaved before cleaning.  Label cages and remove label after decontamination.  Animal Carcasses must be labeled and disposed of as follows:   |  |  | | --- | --- | | Incineration  Bag and Autoclave | Biohazardous Waste Container  EH&S will pick up (x5528) |   All contaminated waste (soiled bedding or other animal waste) must be properly labeled and disposed of as follows:   |  |  | | --- | --- | | Incineration  Bag and Autoclave | Biohazardous Waste Container  EH&S will pick up (x5528) | | | | |
| **Personal Protective Equipment (PPE) Required:**  The following PPE must be worn/used in the room or when handling animals:   |  |  | | --- | --- | | Lab Coat/Coveralls  Shoe Covers/Booties  Disposable or Utility Gloves  Head Cover  NIOSH Certified Dust Mask | Disinfectant Footbath  Eye/Face Protection  NIOSH Certified Fitted Respirator; Type  Other Nitrile, Neoprene or Natural Rubber gloves |   PPE must be removed before leaving the room.  PPE must be discarded or decontaminated at the end of the project.  Hands, arms, and face must be thoroughly washed upon leaving the room.  Full shower, including washing of hair, must be taken upon leaving the room.  Decontaminate room (Inform Lead Animal Technician when cage and/or room can be returned to general use. | | | |
| **Provide any other information needed to safely work in this designated area of research:**  Fatal-Plus must be received, stored, maintained, and disposed of as a DEA Schedule II controlled substance. Users should wear lab coat (or vivarium-specific garb), safety glasses, and disposable nitrile, neoprene, or natural Rubber gloves when handling Fatal-Plus. | | | |