

12.0 HAZARDOUS MATERIALS INFORMATION

Complete this form if you will be using hazardous materials and reagents in your AUP. Contact Environmental Health and Safety (951-786-2648) for assistance in completing sections 2.0 and 12.0.

If this AUP indicates the use of biohazards or wild caught animals, this AUP will be reviewed by the Institutional Biosafety Committee and must be approved by the IBC prior to IACUC approval of this AUP.

If this form indicates the use of radiation or chemical hazards, this form will be reviewed by EH&S for appropriate safety precautions.

PROTOCOL # _____
EXPIRES: _____

____ Reviewed by Biological Safety Officer

____ Reviewed by Radiation Safety Officer

____ Reviewed by Environmental Health & Safety

Identity of Hazard:

Fatal Plus (Sodium Pentobarbital solution)

Last Name:

First Name:

Email:

Laboratory Building:

Vivarium:

Department:

Phone:

Fax:

Room(s):

Room(s):

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](#).

This material/ reagent is hazardous for:

Humans only	
Animals only	
Humans and Animals	X
For which Animal Species?	

The reagent can be spread by:

Blood	
Feces/urine	
Saliva/nasal droplets	
Does not leave animal	
Other:	N/A

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 affects 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	
Stall	
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 Required:

The following personal protective equipment must be worn/used in the room or when handling animals:	
Lab Coat/Coveralls	X
Shoe Covers/Booties	
Nitrile, Neoprene, or Natural Rubber gloves	X
Head Cover	
NIOSH Certified Dust Mask	
Disinfectant footbath	
Eye/Face Protection	X
NIOSH Certified Fitted Respirator	Type:
Other:	Describe:
Personal protective equipment must be removed before leaving the room.	
Personal protective equipment must be discarded or decontaminated at the end of the project	
Hands, arms, and face must be thoroughly washed upon leaving the room	X
Full shower, including washing of hair, must be taken upon leaving the room.	
Decontaminate Room (Inform ARS area supervisor when cage and/or room can be returned to general use).	

Provide any other information needed to safely work in this designated areas 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.

Solutions containing Fatal-Plus must be disposed of as hazardous controlled substance waste.

