

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:

| | | | |
|-------------------------|--|-------------|--|
| Clozapine N-oxide (CNO) | | | |
| Last Name: | | Department: | |
| First Name: | | Phone: | |
| Email: | | Fax: | |
| Laboratory Building: | | Room(s): | |
| Vivarium: | | Room(s): | |

Provide a short description of the reagent(s):

Clozapine N-oxide (CNO) is a metabolite of clozapine that activates human muscarinic designer receptors. CNO is used in behavioral testing in mice as well as impairing locomotor activity among other uses.



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 | X |
| Other: | |

Describe any human health risk associated with this agent:

CNO is acutely toxic by ingestion. CNO can cause skin irritation, serious eye irritation, and respiratory irritation.

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 | | |
| Disposable or Utility Gloves (Nitrile Gloves required) | 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. | X | |
| Personal protective equipment must be discarded or decontaminated at the end of the project | | |
| Hands 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.

Powdered CNO should be handled in a fume hood. Eye protection should be used when handling solutions of CNO. Nitrile Gloves should be used for handling CNO. If ingested immediately seek medical attention.

CNO waste should be disposed of as hazardous chemical waste through EH&S.