

CHEMICAL HAZARD

Agent: 5-Bromo-2'-deoxyuridine (BrdU)

Laboratory Hazard: May cause eye, skin, or respiratory system irritation. May cause genetic/mutagenic defects. May be harmful by inhalation, ingestion, or skin absorption. Potential human health hazard. Greatest hazard is during preparation and administration of agent to animals. To ensure safe handling and use of this hazardous substance, SOP 415 entitled "Hazard Test Substance Rodent Husbandry" must be followed.

Precautions: Limited access. Minimize risk of exposure to aerosols by using within an ISO class 4 HEPA-filtered ventilated cage changing station, or within a class II Type A2 biosafety cabinet, or within a chemical fume hood. Protective clothing required include disposable gown, eye protection (e.g., safety glasses), Tyvek[®] sleeves, and chemical resistant gloves (e.g., double latex or butyl). A N95 respirator is recommended. Gloves and sleeves must be removed and hands washed upon exiting room. In case of eye contact, flush eyes with water for >20 minutes. In case of skin contact, immediately wash with soap and water for >20 minutes, and remove any contaminated clothing. Seek medical attention if symptoms occur.

Note: Personnel must be familiar with the IACUC protocol, SOP 415, the SDS, precautions which limit exposure, and contact information listed in the housing room book.

Emergency Contact: