

## CHEMICAL HAZARD

**Agent:** DMSO (dimethyl sulfoxide)

**Health Hazards:** Potential human health hazard. Harmful if absorbed through skin. Can penetrate skin readily and carry other compounds through the skin. Agent may be present in animal tissues and is excreted by the animal, in urine and feces, for up to 72 hours post administration. Greatest hazard is during the preparation and administration of the agent to animals, during husbandry, and during the collection of tissues.

**Precautions:** Limited access. Protective clothing required before handling animals and dirty caging/bedding and includes either butyl, neoprene, double latex or double nitrile gloves. If using double nitrile gloves, change after 30 minutes of usage and remove outer glove upon contact with DMSO. Agent may be excreted up to 72 hours post administration and precautions should be taken to avoid contact with animal body fluids and caging/bedding during this time. Protective clothing is removed prior to exiting the room. Hands are washed upon exiting.

**Note:** Personnel must be familiar with precautions which limit exposure and all procedures as outlined in the SDS.