

Standard Operating Procedures for L-Dopa

For an Emergency refer to the Safety Data Sheet

L-Dopa is a solid at room temperature and is suspected of reproductive toxicity. Measures should be taken to prevent exposure to this substance.

Hazards:

Irritant- Eyes, Mucous Membranes

Acute Toxicity- Oral

Suspected Reproductive Toxicity- Damage to fertility or the unborn child

Chemical handling instructions:

Personal Protective Equipment (PPE):

Those handling L-Dopa must wear chemically resistant gloves, lab coat, eye protection, and appropriate lab attire (pants, closed-toe shoes).

If manipulations will occur outside of a chemical fume hood, personnel must wear respirator equipped with a particulate filter until an exposure assessment can be conducted.

Preparing L-Dopa solutions:

1. Preparing L-Dopa solutions must always be performed inside a certified chemical fume hood.
2. Care should be taken to not generate any aerosol during the preparation or injection procedure.

Waste disposal:

1. Any leftover/unused L-Dopa should be collected for disposal as chemical waste.
2. Used needles/syringes should be disposed in a sharps container destined for incineration.
3. Contact the Safety Office at x2697 or SafetyOffice@unthsc.edu for hazardous waste pickup.

Animal Experiments

There are no additional precautions required for usage in animals.