

Tetrodotoxin (TTX) SOP
For Use in Laboratories to Meet Required WAC 296-62-400 Regulation

Standard Operating Procedures for Chemicals or Processes	
#1 Process (if applicable)	Tetrodotoxin (TTX). Mice receive ~500ng in a polymer implant in the inner ear one time or TTX is placed in osmotic minipump. They are euthanized 2-48 hours later.
#2 Chemicals	TTX is highly toxic and may be fatal if inhaled, swallowed or absorbed through the skin.
#3 Personal Protective Equipment (PPE)	nitrile gloves, lab coat, safety goggles when using in fume hood
#4 Environmental / Ventilation Controls	Dilute/mix only in fume hood.
#5 Special Handling Procedures & Storage Requirements	Keep tightly closed. Store in a cool, dry place
#6 Spill and Accident Procedures	Evacuate area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Spilled material should be carefully wiped up or moistened with water and removed. Decontaminate with 10% caustic solution. Ventilate area and wash spill site after clean-up is complete.
#7 Waste Disposal	Contact a licensed professional waste disposal service.
#8 Special Precautions for Animal Use (if applicable)	If bitten by implanted animal, wash bite area thoroughly. Monitor any symptoms. Go to the emergency room if symptoms arise such as tingling of the tongue and mouth, vertigo or dizziness, feelings of doom, weakness, or nausea and vomiting.
Particularly hazardous substance involved?	<input checked="" type="checkbox"/> YES: Blocks #9 to #11 are Mandatory
	<input type="checkbox"/> NO: Blocks #9 to #11 are Optional.
#9 Approval Required	Yes.
#10 Decontamination	Decontaminate with 10% caustic solution. Ventilate area and wash spill site after clean-up is complete.
#11 Designated Area	Polimer implant is made from stock solution of TTX liquid in fume hood in room CHDD, CD 186A. Once polymer is dried, material is implanted in animal in room CHDD, CD 055
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Signature: _____ Date: _____	