

# Ethidium Bromide

## **Waste Disposal:**

### Gels

- Less than 0.1% ethidium bromide: place in laboratory trash.
- More than or equal to 0.1%: Place in biohazard box for incineration.
- NEVER AUTOCLAVE Ethidium Bromide.

### Solutions

- Aqueous solutions containing < 10ug/ml Ethidium Bromide can be released to the drain.
- Aqueous solutions containing > 10ug/ml Ethidium Bromide must be collected into appropriate containers and disposed of through Safety and Health. Contact x5069 on the Health Science Campus and x3600 on the Main Campus for pick up.
- Aqueous solutions containing > 10ug/ml Ethidium Bromide can be filtered if you wish to purchase filtration kits. The filtrate can be poured down the drain and the filter placed in a red biohazard bin for disposal.
- Aqueous solutions that contain heavy metals, organics, cyanides, or other hazardous chemicals must be managed as hazardous waste. Contact Safety and Health for pick up.

### Gloves, equipment and debris

- Gloves, test tubes, paper towels, etc., that are grossly contaminated with Ethidium Bromide should be placed into a red biohazard bin for disposal. Consider deactivating in bleach before disposal if the items are significantly contaminated.
- Contaminated pipettes and other sharps must be accumulated in sharps containers and managed as biological waste.

**Emergency Spill Procedures and Decontamination:** Call UTPD at x2600.