# Chemical Safety Practices Recommendations

## Aza-englerin

### Exposure Hazards *

- **Category 2**
- **Danger**
- **Toxic**

### Response to Exposure

<table>
<thead>
<tr>
<th>Oral</th>
<th>Dermal</th>
<th>Inhalation</th>
<th>Injection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rinse mouth; do not induce vomiting. Report to OHS.</td>
<td>Wash skin with soap and water for 15 minutes. Rinse eyes for 15 minutes. Report to OHS.</td>
<td>Leave area; go to clean air. Report to OHS.</td>
<td>Report to OHS.</td>
</tr>
</tbody>
</table>

### Special Precautions

These statements are based on the literature available for similar drugs. Aza-englerin is a novel compound and uncharacterized, the hazards of exposure may be greater than presented and all precautions should be taken to prevent exposure. Discard garments as hazardous if contaminated with Aza-englerin.

### Personal Protective Equipment

- Gloves (Latex or Nitrile)
- Skin Protection (Suit or Scrubs or Lab Coat)
- Eye Protection (Safety-glasses or Goggles)
- Closed-toe shoes
- Use N100 respirator if engineering controls are not available.

### Engineering Controls

- Aza-englerin powder - Chemical Fume Hood (CFH) (1)
- Aza-englerin solution - CFH or Biosafety Cabinet (Class II, B2 BSC if aerosolized)
- Animal waste and bedding until 10 days after last treatment - CFH or Class II, B2 BSC

### Animal Handling

Avoid exposure to animal waste until 10 days after last treatment.

### Bedding Disposal

Dispose of bedding as hazardous material until 10 days after last treatment.

### Work Practices

Empty Aza-englerin containers and unused Aza-englerin must be disposed of as hazardous. Follow LASP SOPs for preparation, handling, dosing, and disposal of Aza-englerin.

* Hazard rating derived by applying safety factor (10) to Maximum Tolerable Dose (100mg/kg PO) (unpublished)

Inhalation of the smoke from the tree from which Englerin is extracted causes death. (2)

Therapeutic dosage may alter ‘blood sugar’ and/or insulin resistance. (3)

### References:


Questions or concerns: Please contact EHS, Ted Witte, theodore.witte@nih.gov or 301-846-5860

Reviewed 12/26/2014  These recommendations are not final and may be updated.