### Chemical Safety Practices Recommendations

**Brefeldin A (Ascotoxin, Synergisinin, Decumbin, Cyanein)**

#### Exposure Hazards (1)

<table>
<thead>
<tr>
<th>Oral</th>
<th>Dermal</th>
<th>Inhalation</th>
<th>Injection</th>
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<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 if irritation develops.</td>
<td>Leave area; go to clean air. Report to OHS if difficulty breathing occurs.</td>
<td>Report to OHS.</td>
</tr>
</tbody>
</table>

**Response to Exposure**

- **Special Precautions**: Brefeldin A in DMSO will rapidly penetrate gloves and skin. Discard garments as hazardous if contaminated with Brefeldin A.

**Personal Protective Equipment**

- Gloves (Latex or Nitrile)
- Skin Protection (Suit, Scrubs or Lab Coat)
- Eye Protection (Safety-glasses or Goggles)
- Closed-toe shoes

**Engineering Controls**

- Brefeldin A Powder- Chemical fume hood.
- Brefeldin A solution- Chemical fume hood or Biosafety Cabinet B2 if aerosolization is likely to occur (e.g. ultrasonication) (3)

**Animal Handling**

No special precautions.

**Bedding Disposal**

No special precautions.

**Work Practices**

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

#### References:


Questions or concerns: Please contact EHS, Ted Witte, theodore.witte@nih.gov or 301-846-5860
Reviewed 12/05/2014  These recommendations are not final and may be updated.