# Chemical Safety Practices Recommendations

**Regorafenib (BAY73-4506, Stivarga)**

## Exposure Hazards (1, 2)

<table>
<thead>
<tr>
<th>Category 2</th>
<th>Warning</th>
<th>Toxic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeat or chronic exposure may damage skin, liver, and circulatory system.</td>
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</table>

<table>
<thead>
<tr>
<th>Category 1B</th>
<th>Danger</th>
<th>Toxic to Reproduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure may harm fertility and unborn children. This drug may be passed through milk.</td>
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</tbody>
</table>

## 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

- Pregnant women should be extra cautious when working with or around Regorafenib.

## Personal Protective Equipment

- Gloves (double) (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

- Regorafenib powder- Chemical Fume Hood (CFH) (3)
- Regorafenib solution- CFH or Biosafety Cabinet (Class II, B2 BSC if aerosolized)
- Animal waste and bedding until 20 days after last treatment- CFH or Class II, B2 BSC

## Animal Handling

- Avoid exposure to animal waste/tissue until 20 days after last treatment. (4)

## Bedding Disposal

- Dispose of bedding as hazardous material until 20 days after last treatment.

## Work Practices

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

Questions or concerns: Please contact EHS, Ted Witte, theodore.witte@nih.gov or 301-846-5860
Reviewed 11/21/2014  These recommendations are not final and may be updated.
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References:

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