Section 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Aflibercept</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>862111-32-8</td>
</tr>
</tbody>
</table>

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801

(914) 654-6800    (914) 654-6899
parchem.com info@parchem.com

Section 2. Hazards Identification

Classification of the substance or mixture
Not classified as a hazardous substance or mixture according to OSHA Hazard Communication Standard 1910.1200.

Emergency Overview: It is not considered to be or to contain hazardous chemicals.

Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Aflibercept</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>862111-32-8</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

No special first aid measures. Follow standard hygiene practices, such as washing hands after handling.

Section 5. Firefighting Measures

Flammability/Explosivity: Not flammable or explosive. No special firefighting measures.

Section 6. Accidental Release Measures

If material is released or spilled, soak up material with absorbent material and wash spill area thoroughly with soap and water. Dispose of collected material in accordance with applicable waste disposal regulations.

Section 7. Handling and Storage

Freezer Storage (18°C) is advised to maintain longer activity. Protect from exposure to sunlight. Avoid agitation.
### Section 8. Exposure Controls / Personal Protection

No special protective clothing required. Follow standard hygiene practices, such as washing hands after handling.

### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular Weight</td>
<td>The MW of the monomer and dimer is about 49.2 kDa and 98.4 kDa</td>
</tr>
<tr>
<td>pH</td>
<td>6.0 - 6.5</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Negligible</td>
</tr>
<tr>
<td>Appearance</td>
<td>White to off white, odorless, liquid</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>Non-volatile</td>
</tr>
</tbody>
</table>

### Section 10. Stability and Reactivity

- **Stability:** Stable
- **Hazardous Polymerization:** Will not occur
- **Hazardous Decomposition Products:** No data available

### Section 11. Toxicological Information

This material is not considered to be or to contain hazardous chemicals.

### Section 12. Ecological Information

- **Persistence and Degradability:** This product is protein-based and will rapidly degrade in the environment
- **Aquatic Toxicity:** No data available

### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

### Section 14. Transport Information

- **Hazard Class:** Not regulated per IATA
- **UN Number:** Not assigned per IATA
Section 15. Regulatory Information

Not a carcinogen.

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/19/2015