Capstone™ Intermediate 62-AL Distilled
Telomer Alcohol
C₈H₅F₁₃O

Technical Information

Description
Capstone™ 62-AL distilled intermediate is a linear telomer alcohol, consisting of six perfluorinated carbon atoms and two nonfluorinated carbon atoms.

Features
- EPA TSCA listed
- Targeted below limit of detection (LOD*) for PFOA

Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Name</td>
<td>3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanol</td>
</tr>
<tr>
<td>CAS Number</td>
<td>647-42-7</td>
</tr>
<tr>
<td>Formula</td>
<td>C₈H₅F₁₃O</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>364.1</td>
</tr>
<tr>
<td>Minimum Purity, %</td>
<td>97</td>
</tr>
<tr>
<td>Form</td>
<td>Clear liquid, colorless to pale yellow</td>
</tr>
<tr>
<td>Melting Point, °C (°F)</td>
<td>–33 (–27)</td>
</tr>
<tr>
<td>Boiling Point, °C (°F)</td>
<td>172 (341)</td>
</tr>
<tr>
<td>Density at 25 °C (77 °F)</td>
<td>1.68 g/mL</td>
</tr>
<tr>
<td>Flash Point, Pensky-Martens, Closed Cup, °C (°F)</td>
<td>Does not ignite</td>
</tr>
<tr>
<td>pH</td>
<td>6–8</td>
</tr>
<tr>
<td>Storage</td>
<td>Stable under normal conditions</td>
</tr>
</tbody>
</table>

**This table gives typical properties based on historical production performance. For production specifications, contact your Chemours sales representative. Chemours does not make any express or implied warranty that this product will continue to have these typical properties.

First Aid, Storage, and Handling
See the Safety Data Sheet (SDS) for specific product information. Like any other chemical product, fluorochemical intermediates must be handled and used with care. Normal care should be taken to avoid skin and eye contact. Before using this product, please read the current SDS and precautionary statement on the product package. Follow all applicable directions.

*Below the LOD for PFOA based on the published analytical method found in the Journal of Chromatography A, 1110 (2006) 117–124: LOD = 0.5 ppm; LOQ = 2 ppm.
Capstone™ Repellents and Surfactants

- Deliver more sustainable solutions with maximum performance
- Are in compliance with REACH requirements
- Are listed on TSCA inventory

For questions regarding technical data, commercialization, and sampling:

Chemours Fluoroproducts

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