**TECHNICAL DATA**

**STRUKTOL® Zinc Stearate VG**

**USP GRADE ZINC STEARATE**

**COMPOSITION**

STRUKTOL® Zinc Stearate VG is manufactured from a high quality vegetable fatty acid with a low iodine value in a tightly controlled production operation that guarantees product uniformity.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>white pastille or powder</td>
</tr>
<tr>
<td>Ash Content (% max.)</td>
<td>15.5</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.10</td>
</tr>
<tr>
<td>Dropping Point (°C)</td>
<td>120 - 126</td>
</tr>
<tr>
<td>Physiological Behavior</td>
<td>refer to safety data sheet</td>
</tr>
<tr>
<td>Storage Stability</td>
<td>at least 2 years under normal storage conditions</td>
</tr>
<tr>
<td>Packaging</td>
<td>55# bag (pastille), 1,000# supersac (powder)</td>
</tr>
</tbody>
</table>

**RECOMMENDATIONS FOR APPLICATION**

STRUKTOL® Zinc Stearate VG is one of the most widely used additives in the plastics field. It serves primarily as a lubricant, but also as a densifying agent and a partitioning agent. It is used extensively in color concentrates as a dispersion aid. It is used to improve processing of the styrenics and polyesters, and to a lesser extent with the olefins. In rubber applications, it functions as an elastomer processing aid and release agent.

STRUKTOL® Zinc Stearate CM meets the test requirements for USP certification and provides clarity required in polystyrene resins.

**DOSAGE**

0.5% in most plastic applications.

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