Phospholipon® 80

- Phosphatidylcholine with negatively charged phospholipids
- Raw material for liposomes
- Emulsifier for pharmacy, dermatology and cosmetics

Applications:
Preparation of liposomes, emulsions and microemulsions for pharmacy, dermatology and cosmetics.
Contains about 65% of linoleic acid.
Increase of skin penetration.
Suggested concentration for topical application:
- cosmetics: 0.5 – 3%
- pharma: 2 – 10%

Characteristics**:

<table>
<thead>
<tr>
<th>Properties</th>
<th>solid plastic</th>
<th>yellowish brown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identity</td>
<td>conform to reference</td>
<td></td>
</tr>
<tr>
<td>Acid value</td>
<td>NMT 10</td>
<td></td>
</tr>
<tr>
<td>Oil</td>
<td>NMT 6.0 %</td>
<td></td>
</tr>
<tr>
<td>Moisture</td>
<td>NMT 1.0 %</td>
<td></td>
</tr>
<tr>
<td>Peroxide value</td>
<td>NMT 10</td>
<td></td>
</tr>
</tbody>
</table>

Residual solvents
- Ethanol: NMT 0.8%
- Ethylmethylketone: NMT 500 ppm

Phospholipids
- Phosphatidylcholine: 76 ± 3%
- Lysophosphatidylcholine: 3 ± 3%

Microbiological purity
- Aerobic bacteria: NMT 100 /1g
- Yeasts and moulds: NMT 10 /1g
- Enterobacteria Escherichia coli: none in 1g
- Salmonella spec.: none in 10 g

**Method descriptions are available on request

Packaging:
7.5kg blocks, packed in PE-coated aluminium foil bags, welded under inert gas

Storage:
Room temperature or below, dry condition, closed, light protected