**Name**  
Deosulf U 60

**Description**  
sulphur preparation

**Composition**  
insoluble sulphur*  
dispersed in organic agents

**Appearance**  
yellow paste

**Analytical Values**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Sulfur (%)</td>
<td>57.0 - 61.0</td>
</tr>
<tr>
<td>Density at 20°C (g/cm³)</td>
<td>1.24 – 1.36</td>
</tr>
</tbody>
</table>

*Analytical data of the insoluble sulphur:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total sulphur (%)</td>
<td>min. 99</td>
</tr>
<tr>
<td>Sulphur insoluble in CS₂ (%)</td>
<td>min. 90</td>
</tr>
<tr>
<td>Fineness below 0.074 mm (%)</td>
<td>min. 98</td>
</tr>
</tbody>
</table>

**Dosage (phr)**  
1.7 parts Deosulf U 60 correspond to 1 part sulphur

**German Food Legislation**

(BfR recommendation XXI)  
not approved

**Supply Form**  
20 kg in PE-pails

**Storage Stability**

In originally sealed package  
in cool and dry places  
min. 1 year

**Behaviour and Effects**

The paste Deosulf U 60 is readily incorporated and uniformly dispersed, i.e. provides a trouble-free means of incorporating insoluble sulphur. When using Deosulf U 60, no agglomerates are formed, local overcure is avoided and consequently vulcanizates with excellent ageing properties are obtained. Scorch safety is improved and the danger of sulphur bloom in the uncured state is reduced.

**Application**

Deosulf U 60 is advantageously used instead of insoluble sulphur in powder form in compounds with the following properties:

- optimum dispersion of sulphur  
- excellent storage stability  
- optimum green tack  
- no sulphur bloom

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Valid 20th June, 2006