CHEMICAL FAMILY: Surfactant

ASPECT: Liquid at 25°C (77°F)

APPLICATION: Paving industry: Additive used for production of Warm mix asphalt

Mixed in the binder prior to contact with the aggregates, Cecabase RT 945 enables to turn the mix production temperature down 40°C (70°F), keeping properties of the final mix at least equal to standard Hot Mix Asphalt. Cecabase RT 945 stays active in the mix after production and helps for lay down and compaction of warm mixes at temperatures as low as 90°C (190°F).

USES: Cecabase RT 945 is very easy to use. It can be added in the binder storage tank at the terminal or at the mix plant, in the tank trailer at the terminal before the delivery to the mix plant or even introduced in the binder injection line during mix production at the plant. It is readily soluble in Asphalt binder and doesn’t require premix. Cecabase RT 945 is an alkaline product and standard liquid anti-strip metering pump are particularly suited when in line injection is used. Cecabase RT 945 is stable in Hot Asphalt binder (320°F/160°C) for up to 7 days.

STANDARD DOSAGE: 0.2 to 0.5% based on binder weight (4 to 10 lbs per ton of binder)

STANDARD PACKAGING:
Drums 190 kg (418 lbs)
Totes 900 kg (1980 lbs)
Bulk

STORAGE:
Product is stable for months when stored at room temperature in its closed original packaging. Product could need to be heated and homogenized before use if stored at temperature below -10°C (14°F).
PHYSICAL PROPERTIES:

- **Viscosity**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>25°C / 77°F</th>
<th>10°C / 50°F</th>
<th>5°C / 41°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity (mPa.s) (cP)</td>
<td>600</td>
<td>1900</td>
<td>2300</td>
</tr>
</tbody>
</table>

- **Dielectric properties:**

<table>
<thead>
<tr>
<th>Echantillon</th>
<th>résistivitéIRLAB (60s) Ω.m</th>
<th>résistivitéIRLAB Ω.m</th>
<th>ConductivitéIRLAB (pS/m)</th>
<th>Permittivité relative εr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cecabase RT 045</td>
<td>3.58E+05</td>
<td>&lt; 1.07E+06</td>
<td>2.81E+06</td>
<td>57.00</td>
</tr>
</tbody>
</table>

Two values of resistivity are presented in the table because the IRLAB device is used first to determine if the product is susceptible to charge accumulation. If it is not (resistivity < 107 000 ohm.m), then the measure can be made with SEFELEC device that is better suited to low resistivity materials measurement.

- **Freezing point:** -10°C (14°F)

- **Flash point:** > 200°C (390°F)

- **Density:** 0.997 (8.3 lbs./gal) at 25°C (77°F)

For more information about our products please visit our website at:
http://www.cecachemicals.com

NOTA
The information given in this leaflet is indicative only and without express guarantee. Furthermore, patent rights may exist in certain applications.
The manufacture of this product has been carried out under strict control and no risk will be incurred if it is handled and used in accordance with the instructions given.
As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse.