**IDENTIFICATION**

Chemical Name: DISODIUM COCOAMPHO DIACETATE  
CAS Number: 68650-39-5  
EC Number following REACH Registration*: 931-291-0  
Listed in Japan Cosmetics Index

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Gardner</td>
<td>4 Max.</td>
<td>RP-0138</td>
</tr>
<tr>
<td>Solids (Moisture Balance), %</td>
<td>49.0 – 51.0</td>
<td>RP-0536</td>
</tr>
<tr>
<td>pH (20% Solution)</td>
<td>8.0 – 8.5</td>
<td>RP-0420</td>
</tr>
<tr>
<td>Active, %</td>
<td>37.5 – 39.5</td>
<td>CALC</td>
</tr>
<tr>
<td>Sodium Chloride, %</td>
<td>11.0 – 12.0</td>
<td>RP-0097</td>
</tr>
<tr>
<td>Viscosity @ 25 C, #2 SP @ 12 RPM, CPS</td>
<td>500 - 10000</td>
<td>RP-0596</td>
</tr>
</tbody>
</table>

**TYPICAL PROPERTIES**

- **Ionic character**: Amphoteric  
- **Stability**: Stable with strong acids, neutral, strong alkalis  
- **Soluble in**: Water  
- **Insoluble in**: Alcohol  
- **Foam Volume (cm³)**: 400  
- **Compatibility**: Compatible with electrolyte solutions and with anionic, cationic and nonionic surfactants.  
- **Odor**: Faint, characteristic  
- **Appearance**: Yellow, viscous foaming liquid

*It is recommended to store product at temperatures between +10°C and +30°C. Storage below +10°C may cause turbidity which is reversible with gentle warming*
STANDARD APPLICATIONS

MIRANOL® C2M CONC NP is a very soft amphoteric surface-active agent, compatible with anionic, cationic (conditioning agent, germicides) and nonionic materials; stable over a wide range of pH (2-13). Very good foaming performance not affected by the hardness of water or changes of pH.

Efficient even in presence of high greasy cosmetics.

Good detergency properties.

Particularly suited for use in association with alkyl ether sulfate.

For baby and adult non-irritating shampoos; leaves a pleasant hair feel, with good wet and dry-combing properties; requires very little level of additional conditioning agent.

For foam baths: foams well and rapidly to give a stable foam, even in presence of soap.

Use level: 5-25%.

STANDARD PACKAGING

MIRANOL® C2M CONC NP is available in Bulk Quantities, 500 lb. Closed Head Poly Drums, and 2100 lb. Totes. European Packaging: 4 Plastic drums 220 Kg /Pal. 880 Kg (114 x 114 cm), Container 1100 Kg / Pal. (120 x 100 x 117 cm) and Bulk. Alternative package sizes may be available upon request.

SHELF LIFE

MIRANOL® C2M CONC NP has a shelf life of 365 days.

REACH REGISTRATION INFORMATION

(* )The guidance for REACH provided new rules on how to name UVCB substances with alkyl chain distributions. The companies working on phase 1 – REACH have consulted with ECHA to clarify the appropriate naming for these substances, found in our products containing cocoamphodiacetate.

As a result of the discussions the substance has been registered for REACH under the new name of "Reaction products of 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-(C7-C17 oddnumbered,C17-unsatd alkyl) derivs.and sodium hydroxide and chloroacetic acid"

ECHA, on registration, has assigned a new EC number for this substance name: 931-291-0

The previous identifier used was DISODIUM COCOAMPHO DIACETATE , EC No. 272-043-5

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. RHODIA GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of the present document and RHODIA is at their disposal to supply any additional information.