ZOHARTAINE ABC 45

GENERAL
ZOHARTAINE ABC 45 is a concentrated coconut oil based amidopropyldimethyl-amino-betaine.
INCI name: Cocamidopropyl Betaine.
CAS NO: 61789-40-0

SPECIFICATION

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to slightly turbid, pale yellow liquid</td>
</tr>
<tr>
<td>Total dry matter</td>
<td>43.5 – 46.5 %</td>
</tr>
<tr>
<td>Active matter</td>
<td>38 – 40 %</td>
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<tr>
<td>Sodium chloride</td>
<td>5.7 – 6.5 %</td>
</tr>
<tr>
<td>pH at 25°C, 2% solution</td>
<td>4.5 – 6</td>
</tr>
<tr>
<td>Character</td>
<td>amphoteric</td>
</tr>
</tbody>
</table>

USES
ZOHARTAINE ABC 45 combines detergency with mildness, low irritancy and non-toxicity characteristics.
ZOHARTAINE ABC 45 is used in mild shampoo formulations (i.e. baby shampoo) in combination with fatty alcohol sulphates and fatty ether sulphates.
ZOHARTAINE ABC 45 is recommended for improving hair manageability, hence its use in conditioning shampoos. ZOHARTAINE ABC 45 acts also as an excellent foam booster and viscosity builder and can be used alone or together with alkanoamides.
ZOHARTAINE ABC 45 is also recommended for various industrial cleaner formulations.
As an amphoteric surfactant, it can be used as a cleaner and/or foamer in very alkaline or acidic conditions. AMIDO BETaine C does not contain a preservative.

PACKAGING AND STORAGE
ZOHARTAINE ABC 45 is supplied in polyethylene drums of 220 kg net weight.
Store under cover in sealed original containers at 10 – 40°C.

* All ZOHAR DALIA products are KOSHER PARVE. Relevant documentation will be supplied a requested.

DISCLAIMER
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 prejudios to third parties through the use of our products.
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