ZOHARSOFT NIS

GENERAL
ZOHARSOFT NIS is a nonionic textile softener based on fatty acid condensation products, which can be used for all types of fibers.

SPECIFICATION

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<tbody>
<tr>
<td>Appearance</td>
<td>white to light yellowish flakes</td>
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<tr>
<td>Active matter</td>
<td>appr. 100%</td>
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<tr>
<td>Solubility</td>
<td>emulsifiable in water</td>
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<tr>
<td>pH at 25 °C, 1% solution</td>
<td>5 – 6</td>
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<tr>
<td>Character</td>
<td>nonionic</td>
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USES
ZOHARSOFT NIS imparts a soft and full hand to a variety of fabrics and yarns. The product will not cause yellowing even at high drying temperatures. ZOHARSOFT NIS is stable in the presence of Hydrogen Peroxide, weak acid or alkaline solutions as well as to hard water. It is compatible with a wide range of finishing agents and synthetic resins.

Application levels
- By padding: 1-4 g/l ZOHARSOFT NIS
- By exhaustion: 0.2-0.5% ZOHARSOFT NIS
  20 min. at 40–45 °C, pH 5-5.5 (with acetic acid)

PACKAGING AND STORAGE
ZOHARSOFT NIS is packed in polyethylene lined polypropylene bags of 25 kg net weight. ZOHARSOFT NIS should be stored under cover. Avoid direct sunlight and high temperature.

DISSOLVING PROCEDURE
To prepare a 10% ZOHARSOFT NIS emulsion:

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<tr>
<td>Soft water</td>
<td>90</td>
</tr>
<tr>
<td>ZOHARSOFT NIS</td>
<td>10</td>
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</tbody>
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- Sprinkle the ZOHARSOFT NIS flakes into cold water under stirring. Mix for a few minutes.
- Raise the temperature to 45 – 50 ° C and mix until all the flakes dissolve and a homogenous emulsion is obtained.
- Cool to about 30 ° C.
- Add some water to replace the evaporated one.
- Adjust the pH, if necessary, to 5-5.5 with acetic acid.

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

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