VARONIC® K 215

High ethoxylated coco amine

- Household hard surface cleaners
- Metal cleaners
- Industrial degreasers
- Bathroom cleaners, toilet bowl cleaners
- Car wash detergents
### Chemical and physical properties (not part of specifications)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (75 °F)</td>
<td>Liquid</td>
</tr>
<tr>
<td>Tertiary amine wt.-%</td>
<td>95</td>
</tr>
<tr>
<td>Specific gravity (77 °F)</td>
<td>1.03</td>
</tr>
<tr>
<td>Colour, Gardner</td>
<td>9 x max.</td>
</tr>
<tr>
<td>pH (10 % in IPA/water)</td>
<td>10</td>
</tr>
</tbody>
</table>

### Properties

**VARONIC® K 215** is an ethoxylate of coco primary amines. Due to the presence of dual ethylene oxide chains and a positive nitrogen, ethoxylated amines show an excellent combination of non-ionic and cationic behaviour.

- excellent co-emulsifier and wetting agent
- very good detergent and soil removal
- provide alkalinity to the formulation
- high hydrophilicity
- dye transfer inhibitors
- corrosion inhibitor
- hard water tolerance
- non-gelling
- work well in acidic and alkaline formulas

### Applications

**VARONIC® K 215** have a wide range of uses as surface active agents in hard surface cleaning. Used in

- Solvent based cleansers
- Co-emulsifier in micro-emulsions
- Bathroom cleanser
- Degreaser

### Packaging

816 kg pallet (4 x 204 kg drums)
1800 lbs pallet (4 x 450 lbs drums)

### Storage and processing recommendation

The product can be stored in sealed original package at temperatures between 20 °C (68 °F) and 25 °C (77 °F) for at least 6 months after date of delivery.

At temperatures below 0 °C (32 °F) the product could be damaged.

### Please note

Contact your local representative for more information.

### Hazardous goods classification

Information concerning:
- classification and labelling according to regulations for transport and for dangerous substances,
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

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