

## ABSNa 50

<b>CHEMICAL NAME</b>	Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt
<b>INCI NAME</b>	Sodium Dodecylbenzene Sulfonate
<b>CAS NUMBER</b>	68411-30-3
<b>FUNCTION</b>	Emulsifier, wetting agent, dispersing agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance .....liquid paste subject to stratification, after mixing becomes homogeneous</p> <p>pH of 1% solution.....7.0 ÷ 9.5</p> <p>Sodium alkylbenzenesulphonate, % (m/m) .....50 ± 2</p> <p>Colour of 15% solution in iodine scale.....max. 3</p> <p>Unsulphonated substances calculated as</p> <p>active substance, % (m/m) .....max. 3.0</p> <p>Sodium sulphate (VI), % (m/m) .....max. 1.0</p>
<b>GENERAL DATA</b>	<p>Molecular weight .....340 ÷ 348</p> <p>Solubility in water ..... unlimited</p> <p>Other solvents..... low aliphatic alcohols</p> <p>Density at 20°C, g/ml .....approx. 1.07</p> <p>Odour..... weak, characteristic</p>
<b>APPLICATION</b>	Anionic surfactant used as a component of liquid and powder washing and cleaning agents.