

SULFOBURSZTYNIAN L3/40

CHEMICAL NAME	Alcohols, C10-16, ethoxylated (3), sulfosuccinates, disodium salts
INCI NAME	Disodium Laureth Sulfosuccinate
CAS NUMBER	39354-45-5
FUNCTION	Base surfactant, foaming agent, cleansing agent
TECHNICAL REQUIREMENTS	<p>Appearance at temperature (20÷25)°C pale yellow or yellow liquid</p> <p>pH of 1 % solution 5.5 ÷ 8.5</p> <p>Dry mass, %(m/m) min 38</p>
GENERAL DATA	<p>Solubility in water unlimited</p> <p>Other solvents ethanol, isopropyl alcohol</p> <p>Density at 20 °C, g/ml approx. 1.1</p> <p>Viscosity at 25°C, cP approx. 100</p> <p>Molecular weight, g/mol 545</p> <p>Solidification temperature, °C approx. -8</p> <p>Preservative CIT/MIT, ppm max 15</p>
APPLICATION	<p>Sulfobursztynian L3/40 is used in rinse-off cosmetics for body and hair. It is used as an ingredient of shampoos, shower gels, liquid soaps. In addition, it is used in hair sprays, preparations for straightening hair, as well as in coloring shampoos, where it reduces the darkening effect of hair after dyeing. The product is also recommended for washing agents and household chemicals. Its mild effect on the skin makes it recommended for use in dishwashing liquids and other handwash detergents. It has very good cleaning properties, generates effective foam and is gentle on the skin. It has the ability to reduce skin irritation of SLES (Sodium Laureth Sulfate). In addition, it improves foam quality in mixtures with anionic and nonionic compounds.</p>