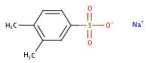
AQUABOND
Chemistry for Tomorrow

Summary Technical Data Sheet

Product Name: Aquastound™ SXS 40
CAS Number: 1300-72-7



Sodium Xylene Sulfonate

Formula: $C_8H_9NaO_3S$
Molecular weight: 208.21 g/mol.
Grade: Technical



Typical Properties

- Appearance: clear to light yellow
- Boiling point, ^{0}C: 101
- Specific Gravity @ 25^{0}C: 1.168
- Density: 1.168 kg/L
- Flash Point, ^{0}C: > 121
- Solubility: completely soluble

Product Specifications

Properties	Specifications
Active, %	40.0 - 42.0
Appearance	Colourless to Yellow
Sodium Sulphate, %	2.0 max.
Colour, Klett	50.0 max.
pH	7.0 - 9.0
Iron as Fe, ppm	5.0 max.
Solids, wt.%	44.0 max.
Inorganic salt	≤ 3.0%
Chloride	≤ 1.0%

Aquastound™ SXS 40 is an excellent anionic hydrotrope. A hydrotrope is a compound that solubilizes hydrophobic compounds in aqueous solutions. Typically, hydrotropes consist of a hydrophilic part and a hydrophobic part but the hydrophobic part is generally too small to cause spontaneous self-aggregation. There are many advantages to this hydrotrope: generates essentially no foam, no wetting action, and has minimum impact on surface tension and is odour free. It is a very economical way to solubilize complex formulations, control viscosity, and depress cloud point . It is a great coupling agent, water-soluble accelerator, homogenizer and dispersant in liquid detergents.

It has many applications such as: anionic surfactant in personal care products and shampoos, liquid detergent,heavy duty cleaning, all purpose cleaning, industrial cleaning, hard surface care,wax stripping, dish-washing detergents, light duty cleaning, wettable powders, Ready-TO-Use (RTU) cleaners, concentrated emulsions (EW), commercial/home laundry washing, liquid soaps, and textile applications. It is used as a hydrotrope in detergents, shampoos, conditioners, degreasing compounds,and printing pastes. It is an additive for glues, and used to extract lignin and pentosans in the paper industry. It is also used as a thickening agent in shampoos.

Storage and Handling: Store dry in a well ventilated area. Keep container tightly closed when not in use. Prevent from freezing. This product will crystallize at 10^{0}C and may precipitate from solution during storage. Store material above 20^{0}C.

Packaging: Tight-heads; 22 kg, Drums; 242 kg, Totes; 1452 kg, and bulk.

Transport Regulations: Non-regulated.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.

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