PILOT® CHEMICAL COMPANY

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www.pilotchemical.com
9075 Centre Pointe Drive • Suite 400
West Chester, OH 45069

PILOT® SXS-40

PRODUCT DATA SHEET PDS

494S00.4.ACTIVE.03022026

PRODUCT DESCRIPTION

Pilot® SXS-40 is a 40% active solution of sodium xylene sulfonate. Pilot® SXS-40 is an effective coupling agent, hydrotrope, solubilizer and solvent making it a perfect and versatile surfactant for many HI&I applications.

COMMON CHEMICAL NAME

Sodium Xylene Sulfonate

CAS #

1300-72-7

TYPICAL PROPERTIES

Appearance (25 °C)	Clear liquid, no haze or sediment
Active, wt.%	40.0
Odor	Bland
Sodium Sulfate, wt.%	< 2.0
Color (as is; 40 mm.), Klett	< 35
Density (25 °C), lb./gal.	9.8
pH (as is)	8.0
Solubility in Water	Miscible
Shelf Life	2 Years

APPLICATIONS

Pilot® SXS-40 is a multifunctional anionic surfactant that can be utilized in HI&I products. Pilot® SXS-40 is especially used in formulations with high amounts of builders and salts where surfactants tend to come out of solution. Pilot® SXS-40 is used to solubilize organic surfactants in cleaners, detergents, organic polymers, and dyestuffs, as well as to stabilize solutions of alkanolamides. Pilot® SXS-40 is used to improve the solubility, making the formulation clear and homogenous. The addition of Pilot® SXS-40 to solutions of organic sulfonates reduces the viscosity and cloud point, improving the clarity of a hazy or cloudy formula. Pilot® SXS-40 contains no alcohol, allowing formulators to use without lowering the flashpoint of their product.

ADVANTAGES

Pilot® SXS-40 is CleanGredients® Listed, which means it has been pre-approved by the U.S. EPA to meet the criteria of their Safer Choice Standard. This certification may streamline the approval process for EPA's Safer Choice program, getting a formulator's Safer Choice labeled product to market faster.

Pilot® SXS-40 is on the List of Trade Names of Inert Ingredients Database. Pilot® SXS-40 is listed for use as an inert ingredient in pesticide formulations for pre- harvest, animal application, and antimicrobial formulations. It is exempt from requirement of a tolerance under 180.920 and 180.930 without limitation and up to 0.125% under 180.940(a).

STORAGE & HANDLING

Please refer to the Pilot® SXS-40 Safety Data Sheet (SDS) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Recommended storage temperatures are 51-120 °F, avoid excessive heat. Product may freeze at 39 °F or crystallize and separate at temperatures below 50 °F. Product can be reconstituted by heating to 120 °F with mixing until uniform. Do not store with incompatible materials.

PACKAGING

Pilot® SXS-40 is available in 480 lb. poly drums, 2250 lb. poly totes, and bulk quantities.

See additional product information at www.pilotchemical.com.

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

RESPONSIBLE CARE® Driving Safety & Sustainability