PILOT® CHEMICAL COMPANY

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PILOT® PTSA-65

PRODUCT DATA SHEET

PDS.492065.6.ACTIVE.04122024

PRODUCT DESCRIPTION

Pilot® PTSA-65 is a toluene sulfonic acid with high para-isomer content. Pilot® PTSA-65 is used in numerous specialty applications as a catalyst and chemical intermediate.

COMMON CHEMICAL NAME

para-Toluene Sulfonic Acid

CAS #

104-15-4

TYPICAL PROPERTIES

Appearance at 25°C	Clear, amber liquid
Active, wt.%	65.0
Sulfuric Acid, wt.%	< 1.0
Sulfone Content, wt.%	< 1.0
Toluene Content, wt.%	< 0.40
Neutralization Equivalent, meq. /g.	3.85 – 4.10
Color (as is), APHA	< 300
Iron, ppm	< 20
Freeze Point	6.1˚F (-14.4˚C)
Shelf Life	2 Years

APPLICATIONS

Pilot® PTSA-65 can be used in various industrial specialty applications. These include applications in foundry processes, as a catalyst for alkylation, production of glacial acrylic acid, thermosetting resins and as a substitute for methane sulfonic acid catalysts. Pilot® PTSA-65 is a specialty product that can be used in various chemical applications for the textile industry.

ADVANTAGES

Pilot® PTSA-65 is manufactured in a glass lined reactor to ensure a minimum of metallic impurities.

STORAGE & HANDLING

Refer to the Pilot® PTSA-65 SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Pilot® PTSA-65 is a corrosive strong acid. Use acid resistant equipment when handling this material. Keep containers closed when not in use. Diluted p-toluene sulfonic acid is very corrosive to steel. Store in glass or plastic containers. Do not store with strong oxidizing agents.

PACKAGING

Pilot® PTSA-65 is available in 500 lb. poly drums 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.

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