



*Customized Performance * Innovative Expertise*

NAXCAT® p-TSA97

Product Information Sheet

para-TOLUENESULFONIC ACID

Description: NEASE CORPORATION manufactures a wide range of aromatic sulfonic acids. Aromatic sulfonic acids are made by sulfonating aromatic compounds with sulfuric acid, SO₃, or Oleum. They are comparable in strength to mineral acids such as sulfuric acid, but are especially suitable for organic reactions where an inorganic, mineral acid could cause charring, oxidation, or an unwanted chemical reaction.

CAS #
6192-52-5

Naxcat p-TSA97 is the highest purity sulfonic acid that Nease Corporation offers. With a para-isomer content of greater than 97%, it is functional in applications where high purity is important, such as esterification and fine chemical reactions. Naxcat p-TSA97 can be used as a “drop in” replacement in formulations currently utilizing high purity p-TSA.

Typical Properties:		
Appearance		White crystalline needles
pH (10% Solution)		< 2
Molecular weight		190
Acid Number		290 – 310
Total Water (% Karl Fisher)		10 -12
Melting Point, °C		103 - 105
Solubility in water		Soluble

Product Specifications:	Property	Specification
	Active, %	97.0 min.
	Free acid, %	0.7 max.
	Free water, %	2.5 max.
	Residue on Ignition, %	0.2 max
	Iron as Fe, ppm	10 max.
	Melting Point, °C	103 - 105

Applications: Polymers and coatings catalyst, foundry applications, fine chemical and cross linking reactions, esterification catalyst

Storage and Handling: Keep container tightly closed when not in use. Store in cool, well ventilated area. Steel is corroded by sulfonic acids and is not recommended for prolonged storage at elevated temperatures since iron and color contamination could result. Dilution with water may increase corrosivity of the acid. Material will absorb moisture.

Availability: Truckload bulk, truckload drum and less than truckload drum.

Chemical Control Law Status: All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Transport Regulations

Shipping Description: Aryl sulfonic acids, solid with not more than 5 percent free sulfuric acid (p-Toluenesulfonic acid monohydrate)
Hazard Class: 8 ID Number: UN2585 Packing Group: III Label: Corrosive

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Limited Warranty

The products sold by Nease Corporation (“Seller”) shall conform to the Seller’s current published specifications. Seller makes no other warranty, express or implied, including warranty of merchantability or fitness for particular use, whether product is used singly or in combination with other substances or in any process. Nothing contained herein should be considered as a recommendation for use of any product or method in violation invalid of any patent now effective or which may issue hereafter. Prior testing for fitness for use and compliance with all applicable statutes by the user is a strict condition on the sale of any and all of Seller’s products.